

Dockets Management Branch
Food and Drug Administration
Department of Health and Human Services
5630 Fishers Lane, Room 1061
Rockville, Maryland 20859

November 16, 2000

Re: Docket Number 75N-183H/CP 3 – Supplemental Petition Supporting April 6, 2000 Citizen Petition to Request FDA Find Benzalkonium Chloride (0.11%-0.13%) is Generally Recognized as Safe and Effective as Defined by the Tentative Final Monograph for Health-Care Antiseptic Drug Products

Dear Sir or Madam:

INTRODUCTION

On April 6, 2000 the undersigned submitted a petition requesting that FDA find benzalkonium chloride (0.11%-0.13%) is generally recognized as safe and effective under the Tentative Final Monograph for health-care antiseptic drug products. In this supplemental petition, International Laboratory Technology, Corp. (ILTC) is submitting:

- the final results of the MIC study (which was ongoing at the time of the April 6, 2000 petition). The results show benzalkonium chloride's (0.11%-0.13%) efficacy against all organisms listed in the monograph. This study supports the conclusion that FDA should find benzalkonium chloride is generally recognized as effective.
- two additional efficacy studies comparing benzalkonium chloride to currently marketed products. These studies show that benzalkonium chloride (0.11%-0.13%) had a greater percent and log reduction of test organisms compared to these currently marketed products. These studies further support the conclusion that FDA should find benzalkonium chloride is generally recognized as effective.
- a response to the letter written by counsel for Lonza, Inc. arguing that ILTC submitted insufficient safety information to support the long-term use of benzalkonium chloride (0.11%-0.13%) as an health-care hand wash. The April 6, 2000 submission contains data supporting a finding that benzalkonium chloride (0.11%-0.13%) is generally recognized as safe for long-term use as a heath-care hand wash.

75N-183H

SUP 4

I. **The Results of the MIC Study Further Support a Finding that Benzalkonium Chloride (0.11%-0.13%) is Generally Recognized as Effective for use as a Health-Care Personnel Hand Wash**

As stated in our April 6, 2000 petition, ILTC communicated with the Agency to determine the data necessary to support a determination that benzalkonium chloride was generally recognized as safe and effective as an OTC antiseptic hand wash. On September 22, 1999, as a result of those discussions, ILTC received the attached letter outlining a specific testing agenda for this product stating:

. . . the following tests . . . will provide data necessary to support safety, efficacy and persistence claims, as well as support the inclusion of the ingredient benzalkonium chloride for use in the Tentative Final Monograph for Health-Care Antiseptic Drug Products dated June 17, 1994.

In vitro Tests

1. A time kill study conducted per the Tentative Final Monograph (TFM) for Health-Care Antiseptic Drug Products dated June 17, 1994.
2. An MIC [Minimum Inhibitory Concentration] study using 50 strains of each organism listed in the monograph against the test product, 10 strains of each with the vehicle and a positive control (Hibiclens (chlorhexidine gluconate)).

In vivo Tests

1. Conduct a Healthcare antiseptic handwash study as outlined in the TFM. This study should include a total of 60 subjects, 30 treated with the test product and 30 treated with a reference product....
2. A Cylinder Sampling Test and an Agar Patch Test to demonstrate persistence.

Results showing the efficacy of benzalkonium chloride in a time kill study, a health-care antiseptic hand wash study, a cylinder sampling test and an agar patch test were completed and submitted with the April 6, 2000 petition. At the time of the April 6, 2000 petition, the MIC study was ongoing. That study is now complete and is attached at Tab 1. The MIC study shows that benzalkonium chloride effectively killed all the required strains listed in the monograph.

These data support the conclusion that benzalkonium chloride (0.11% - 0.13%) is generally recognized as effective for use as the active ingredient in an OTC antiseptic hand wash.

ILTC has also conducted two additional studies supporting a finding that benzalkonium chloride is generally recognized as effective.

1. ILTC has conducted a time kill study comparing benzalkonium chloride (0.11%-0.13%) to Dial® antibacterial soap containing triclosan. A copy of the study report is attached at Tab 2. At all time points (15 seconds, 30 seconds, 1 minute), benzalkonium chloride showed a greater than 99% percent reduction of serratia marcescens. By comparison, Dial antibacterial liquid soap with triclosan showed only a 43.87% reduction at 15 seconds, a 51.31% reduction at 30 seconds and a 43.72% reduction at one minute. This test supports a finding that benzalkonium chloride is generally recognized as effective and may, indeed, be more effective than currently marketed hand wash products.
2. ILTC has conducted a second time kill study comparing benzalkonium chloride (0.11%-0.13%) to Prevacare™ containing 1% triclosan. A copy of the study report is attached at Tab 3. At all time points 15 seconds, 30 seconds, 1 minute), benzalkonium chloride showed a greater than 99% percent reduction of serratia marcescens. By comparison, Prevacare showed only a 72% reduction at 15 seconds and a 97% reduction at 30 seconds. This test supports a finding that benzalkonium chloride is generally recognized as effective and may, indeed, be more effective than currently marketed hand wash products.

II. **Data Submitted in the April 6 Petition Support a Finding that Benzalkonium Chloride (0.11%-0.13%) is Generally Recognized as Safe**

In a letter dated August 3, 2000, counsel for Lonza (manufacturers of a competing quaternary ammonium compound – benzethonium chloride)¹, argued that ILTC submitted insufficient data to support a finding that benzalkonium chloride is generally recognized as safe for long term use. This argument is without merit.

Attached to the April 6 petition was a 1989 publication of the *American Journal of Toxicology*, which contains a “Final Report on the Safety Assessment of Benzalkonium Chloride.” See Tab 4. This report, not referenced in counsel for Lonza’s letter, presents data from a number of toxicology and safety studies performed with benzalkonium chloride. Specifically, the report details two studies: (1) a one-year chronic dog study, and (2) 90 and 80 weeks tumorigenicity study using mice and rabbits, respectively. In the chronic study,

¹ See April 6, 1998 letter submitted to docket 75N-183H attached as Tab 3.

10% benzalkonium chloride is used. Necropsies were performed on the animals (dogs), but there is no mention of tumor formation. The tumorigenicity study was performed on mice and rabbits at 8.5% and 17% benzalkonium chloride. According to the results, benzalkonium chloride did not induce any tumors.

The data presented in this paper support a finding that benzalkonium chloride is generally recognized as safe for long-term use as a hand wash.

Benzalkonium chloride is also found in currently marketed repeat use products. For example, Johnson's Antibacterial towelettes contain benzalkonium chloride as the active ingredient and make the label claim "Safe and gentle enough for babies".

In addition, the Environmental Protection Agency has registered benzalkonium chloride (USEPA PC code 069106) as an active ingredient in pesticides in concentrations much higher than 0.13%. Of the EPA-registered products that contain benzalkonium chloride, the one with the lowest concentration contains the active ingredient at 3.0% by weight. An EPA-registered product, if used in accordance with the labeled directions, is not expected to present "unreasonable risks" to human health or to the environment. Data supporting this registration is on file with the EPA. This information further supports a finding that benzalkonium chloride is generally recognized as safe.

Taken as a whole, these data show that benzalkonium chloride in the concentration used by ILTC can be generally recognized as safe for use as the active ingredient in an OTC antimicrobial hand wash.

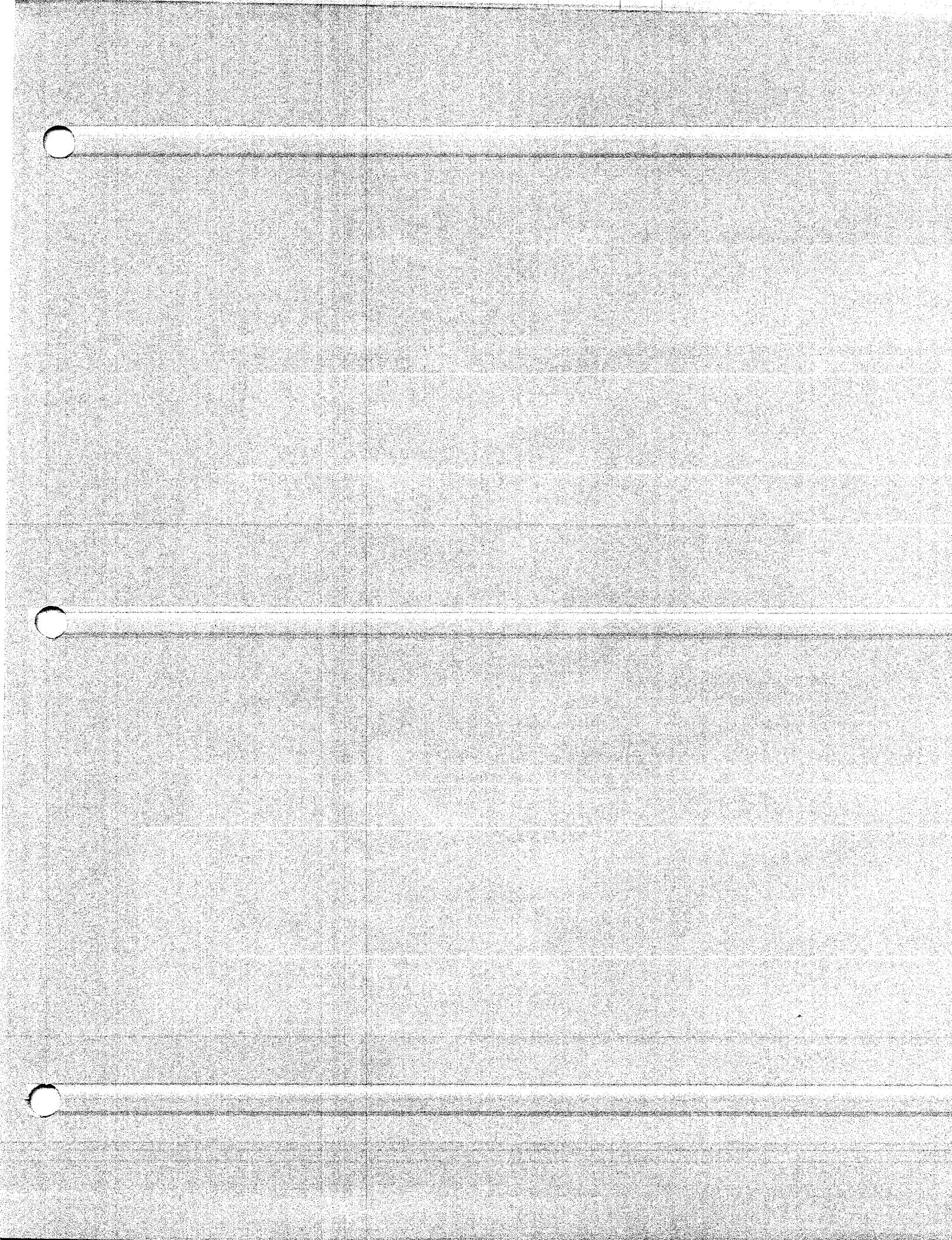
III. Conclusion

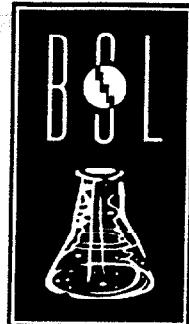
Based on the data from ILTC's testing and other available data, FDA should find that benzalkonium chloride is generally recognized as safe and effective for use as the active ingredient in an OTC antimicrobial hand wash. If the Agency would like to discuss the data submitted, please feel free to contact us.

Respectfully submitted,



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BIO SCIENCE
LABORATORIES•INC

October 10, 2000

FINAL REPORT #990941

**DETERMINATION OF THE MINIMUM INHIBITORY CONCENTRATIONS (MIC) OF
ONE TEST PRODUCT, ONE PRODUCT VEHICLE, AND ONE CONTROL PRODUCT (HIBICLENS®)
WHEN CHALLENGED WITH VARIOUS MICROORGANISM STRAINS USING
THE MACRODILUTION BROTH METHOD**

Prepared for:

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October 10, 2000

FINAL REPORT #990941

1.0 **TITLE:** Determination of The Minimum Inhibitory Concentrations (MIC) of One Test Product, One Product Vehicle, And One Control Product (Hibiclens®) When Challenged With Various Microorganism Strains Using The Macrodilution Broth Method

2.0 **SPONSOR:** INTERNATIONAL LABORATORY TECHNOLOGY CORPORATION
3389 Sheridan Street #149
Hollywood, FL 33021

3.0 **COMPANY:** BIOSCIENCE LABORATORIES, INC.
P.O. Box 190
Bozeman, Montana 59771

4.0 **STUDY DIRECTORS:**

Terri Eastman - Principal Study Director
Michael Douthit - Associate Study Director

5.0 **PURPOSE:**

This study evaluated the Minimum Inhibitory Concentrations (MIC) of one (1) product, one (1) product vehicle, and one (1) control product (Hibiclens®) when challenged with one-thousand, one-hundred (1,100) different microorganism strains. Not all microorganism strains were used to challenge each product. The test product/microorganism testing assignments are detailed in Sections 6.2 and 6.3, as well as in Table I. All testing was performed in accordance with Good Laboratory Practices as specified in 21 CFR, Part 58.

6.0 **SCOPE:**

- 6.1 This study was a Minimum Inhibitory Concentration (MIC) evaluation for one (1) product, one (1) product vehicle, and one (1) control product (Hibiclens®), performed using a modification of the methods outlined in NCCLS Document M7-A4, "Methods for Dilution Antimicrobial Susceptibility Tests for Bacteria that Grow Aerobically," 4th Edition.
- 6.2 The test product (Product #1; Reference Section 7.0) was evaluated using one-thousand, one-hundred (1,100) different microorganism strains. Fifty (50) strains of each of the twenty-two (22) microorganism species listed in the Tentative Final Monograph, *Federal Register*, 17 June 1994, vol. 59:116, p. 31444, were evaluated.
- 6.3 The product vehicle and the control product (Hibiclens®) (Products #2 and #3; Reference Section 7.0) were evaluated using two-hundred and thirty-four (234) different microorganism strains. At least ten (10) strains of each of the twenty-two (22) microorganism species listed in the Tentative Final Monograph, *Federal Register*, 17 June 1994, vol. 59:116, p. 31444, were evaluated for each of these products.

7.0 TEST MATERIALS:

Responsibility for the identity, strength, purity, composition, and stability of the test product and the product vehicle, supplied to Company by Sponsor, remained with Sponsor. The Control Product was supplied by Company.

Product 1 (Test Product): Pure Rx - 1429 ppm Benzalkonium Chloride

Batch Number: X450

Manufacture Date: 11/12/99

Expiration Date: 11/12/01

Product 2 (Product Vehicle): Pure Rx Vehicle

Batch Number: 426

Manufacture Dates: 08/27/99 & 09/03/99

Product 3 (Control Product): HIBICLENS®, 4% (40,000 ppm) Chlorhexidine Gluconate

Lot Number: 3204B

Expiration Date: 02/01

8.0 EQUIPMENT:

- 8.1 Steam Autoclaves: BSLI 91113 and BSLI 91127
- 8.2 Laminar Biological Flowhood (certified): BSLI 91119
- 8.3 Water Bath, 47° ± 2 °C: BSLI 930611
- 8.4 Water Bath Thermometer: BSLI TI-971001
- 8.5 Continuously Adjustable Pipetters, 100µL - 1000µL Capacity: BSLI 971201, BSLI 971202, BSLI 991001, BSLI 991204, and BSLI 000504
- 8.6 Continuously Adjustable Pipetters, 20µL - 200µL Capacity: BSLI 981201 and BSLI 991205
- 8.7 Microman® Positive Displacement Pipetters, 100µL - 1000µL Capacity: BSLI 970203, BSLI 971104, and BSLI 000503
- 8.8 Portable Pipetters: BSLI 930502, BSLI 971205, BSLI 971206, BSLI 980602, BSLI 980901, and BSLI 980902
- 8.9 Eppendorf® Repeater™ Plus: BSLI 990902
- 8.10 Beckman Model TJ-6 Centrifuge, Serial Number 7408
- 8.11 Environmental Chamber, 30° ± 2 °C: BSLI 930214
- 8.12 Environmental Chamber Thermometers: BSLI TI-960111 and BSLI TI-960611
- 8.13 Incubators, 30° ± 2 °C: BSLI 930712 and BSLI 930905
- 8.14 Incubator Thermometers: BSLI TI-930712A and BSLI TI-971003
- 8.15 Incubator, 35° ± 2 °C: BSLI 91101
- 8.16 Incubator Thermometers: BSLI TI-960109 and BSLI TI-971006
- 8.17 Anaerobic Incubator, 35° ± 2 °C: BSLI 960802
- 8.18 Anaerobic Incubator Thermometer: BSLI TI-960602
- 8.19 Incubator, 55° - 60°C: BSLI 91059
- 8.20 Incubator Thermometer: BSLI TI-2064
- 8.21 Environmental Chamber, 2° - 8°C: BSLI 930212
- 8.22 Environmental Chamber Thermometers: BSLI TI-960106 and BSLI TI-960107
- 8.23 Refrigerators, 2° - 8°C: BSLI 91109 and BSLI 991201
- 8.24 Refrigerator Thermometers: BSLI TI-91109 and BSLI TI-971004
- 8.25 Vortex Mixers: BSLI 91104, BSLI 91122, BSLI 931202, BSLI 941201, BSLI 980103, and BSLI 991002
- 8.26 Orion pH Meter Model 720: BSLI 931104
- 8.27 Mettler BB240 Balance: BSLI 930409
- 8.28 A & D Balance Model EK-2000G: BSLI 960801
- 8.29 Sartorius Basic^{lite} (BL6) Balance: BSLI 991102
- 8.30 Troemner Weights: BSLI 930408
- 8.31 Ohaus Weights: BSLI 961011
- 8.32 Hewlett-Packard HP-15C Hand Calculator
- 8.33 Texas Instruments TI-35X and TI-36X Hand Calculators

9.0 SUPPLIES:

- 9.1 Sterile 5 mL Disposable Pipettes: Kimble Lot Number N00080C and Sterilin Lot Number 941418
- 9.2 Sterile 10 mL Disposable Pipettes: Sterilin Lot Numbers 2198 and 943416
- 9.3 Sterile 25 mL Disposable Pipettes: VWR Lot Number 23099021
- 9.4 Sterile 50 mL Disposable Pipettes: Kimble Lot Number Y00015C
- 9.5 Sterile 20 cc Syringes: Becton-Dickinson Lot Numbers 8M233, 309661, 9181282, and 9281282
- 9.6 Sterile Disposable Petri Plates, 100 mm x 15 mm: American Precision Plastics Lot Numbers 00012421, 00045706, 00153406, 00247421, 00268906, 00342921, R9B01006, R9E37706, R9J36006, R9L24406, R9S00706, and R9S48521
- 9.7 Test Tubes, Sterilized
- 9.8 Universal 1.0 and 0.2 mL Pipette Tips, Sterilized
- 9.9 Sterile 1.0 mL Positive Displacement Tips: Gilson Batch Numbers B0002815S, B0006815S, B001095S, B001395S, B0018911S, B0019911S, B0030922S, and B0052948S
- 9.10 Sterile Eppendorf™ Combitips: Lot Number 3326/0366, Expires 09/01
- 9.11 125 & 250 mL Capacity Polypropylene Bottles, Sterilized
- 9.12 Beakers, Sterilized
- 9.13 Inoculating Loops
- 9.14 GasPak™ Anaerobic System
- 9.15 GasPak Plus™ Hydrogen plus Carbon Dioxide Gas Generator Envelopes
- 9.16 Hand-Tally Counters

10.0 MEDIA:

- 10.1 Tryptic Soy Broth (TSB): TSB991201E, TSB000230B, TSB000309B, TSB000711C, TSB000719C, TSB001012A, and TSB001118B
- 10.2 Brain-Heart Infusion Broth (BHIB): BHIB000219B, BHIB000804B, and BHIB001107A
- 10.3 Brain-Heart Infusion Broth with Lysed Horse Blood (BHIB-B): BHIB000219B
- 10.4 SP Blood Supplement: Difco Lot Numbers 143115KA, Expires 09/30/00
- 10.5 Schaedler's Broth (SB): SB000414B, SB000523D, SB000625E, SB000914A, SB001020E, and SB001104A
- 10.6 Mueller-Hinton Broth (MHB): MHB000104F, MHB000224B, MHB000301B, MHB000309A, MHB000321B, MHB000403A, MHB000406A, MHB000425A, MHB000428B, MHB000503D, MHB000818B, MHB000824D, MHB000916B, MHB001006A, MHB001012B, MHB001014B, MHB001020A, MHB001104G, MHB001116C, MHB001201E, and MHB001227D
- 10.7 Mueller-Hinton Broth with Bacto Supplement B (MHB-XV): MHB000309A, MHB000321B, MHB000503D, MHB000824D, MHB001014B, MHB001104G, MHB001116C, MHB001201E, and MHB001227D
- 10.8 Supplement B: Bacto Control Numbers 118179, Expires 10/00 and 122688, Expires 02/00 and Lot Numbers 9313290, Expires 10/31/01, 106917001, Expires 03/31/02, 125445JA, Expires 02/00, 140250KA, Expires 03/31/02, and 140556KA, Expires 04/30/02
- 10.9 Mueller-Hinton Broth with Lysed Horse Blood (MHB-B): MHB000428B
- 10.10 SP Blood Supplement: Difco Lot Number 143115KA, Expires 09/30/00
- 10.11 Cation-Adjusted Mueller-Hinton Broth with Lysed Horse Blood (CAMHB-B): CAMHB000321C, CAMHB000819B, CAMHB000923A, CAMHB001020D, CAMHB001104D, and CAMHB001116A
- 10.12 SP Blood Supplement: Difco Lot Numbers: 138355KA, Expires 12/31/99, 143115KA, Expires 09/30/00, 143812KA, Expires 10/31/00, and 145920KA, Expires 03/31/01
- 10.13 Anaerobic MIC Broth (AMIC): AMIC000417D, AMIC000523C, AMIC000720A, AMIC000907C, AMIC001020F, AMIC001104E, and AMIC001201B

- 10.10 Tryptic Soy Agar (TSA): TSA000104D, TSA000104E, TSA000104G, TSA000224A, TSA000230A, TSA000301A, TSA000307B, TSA000315A, TSA000322A, TSA000406C, TSA000406D, TSA000418A, TSA000418B, TSA000418C, TSA000427A, TSA000501A, TSA000514B, TSA000518A, TSA000811A, TSA000817B, TSA000819A, TSA000823B, TSA000831B, TSA000912A, TSA000913A, TSA000913B, TSA000916A, TSA000919A, TSA000920A, TSA000928A, TSA001013A, TSA001013B, TSA001014A, TSA001017A, TSA001129A, TSA001131B, TSA001218A, and TSA001218B
- 10.11 Sabouraud Dextrose Agar (SDA): SDA000209B, SDA000224D, SDA000309C, SDA000414A, SDA000424B, SDA000720B, SDA000727B, SDA000818C, SDA000901B, SDA000908A, SDA000908B, SDA000923B, SDA001020B, and SDA001104H
- 10.12 Brain-Heart Infusion Agar (BHIA): BHIA000219A, BHIA000222A, BHIA000322B, BHIA000406B, BHIA000625A, BHIA000802D, BHIA000901F, BHIA000909A, BHIA000909B, BHIA000923C, BHIA001020G, and BHIA001104C
- 10.13 Schaedler's Agar with Lysed Horse Blood (SA-B): SA000417B, SA000523B, SA000907A, SA001020C, SA001104F, SA001116B, and SA001201D
SP Blood Supplement: Difco Lot Numbers: 143115KA, Expires 09/30/00, 143812KA, Expires 10/31/00, and 145920KA, Expires 03/31/01
- 10.14 Tryptic Soy Agar with 5% Sheep Blood (SBA): PML Lot Numbers 48522-1, Expires 02/28/00, 51522-1, Expires 04/03/00, 60643-1, Expires 07/18/00, 64425-1, Expires 09/05/00, 66723-1, Expires 10/03/00, and 68375-1, Expires 10/25/00
- 10.15 Chocolate Agar with Enrichment (CAE): PML Lot Numbers 48543-1, Expires 02/08/00, 65383-1, Expires 08/29/00, 68175-1, Expires 10/03/00, and 69565-1, Expires 10/27/00
- 10.16 Mueller-Hinton Agar with Dextrose and Bacto Supplement B (MHA-XV): MHAD000322C, MHAD000509B, MHAD000815D, MHAD000907B, and MHAD001104I
Supplement B: Bacto Control Numbers 118179, Expires 10/00 and 122688, Expires 02/00 and Lot Numbers 9313290, Expires 10/31/01, 106917001, Expires 03/31/02, 125445JA, Expires 02/00, and 140556KA, Expires 04/30/02
- 10.17 Phosphate Buffered Saline Solution (PBS): PBS000211C, PBS000224E, PBS000229D, PBS000307E, PBS000328B, PBS000407B, PBS000508A, PBS000727C, PBS000810B, PBS000914C, PBS001013D, PBS001116E, PBS001201A, and PBS001212B

11.0 METHODOLOGY:

Inoculum Preparation - 48 - 96 hours prior to testing

- 11.1 One (1) sterile tube of broth medium appropriate for each of the challenge microorganisms (reference Table I) was inoculated from stock cultures, lyophilized vials, cryogenic cultures, or clinical isolate cultures containing the microorganisms. The microorganism cultures were incubated at the temperatures and under the conditions appropriate for each species (reference Table I in Protocol #990941 - Addendum I) until sufficient growth was observed.
- 11.2 For *Streptococcus pneumoniae* (ATCC #6303 and Clinical Isolate) and *Haemophilus influenzae* (ATCC #19418 and Clinical Isolate), a suspension of each organism was prepared in Phosphate Buffered Saline from lyophilized vials, cryogenic cultures, or clinical isolate cultures containing the microorganisms. Aliquots of the prepared suspensions were spread-plated onto the surface of the solid medium appropriate for the microorganisms (reference Table I). The plates were incubated at the temperature and under the conditions appropriate for these species (reference Table I in Protocol #990941 - Addendum I) until sufficient growth was observed.

Inoculum Preparation - Approximately 24 hours prior to testing

- 11.3 For *Streptococcus pneumoniae* (ATCC# 6303 and Clinical Isolate) and *Haemophilus influenzae* (ATCC# 19418 and Clinical Isolate), suspensions were created using the spread plates prepared as described in Section 11.2 by rinsing the plates with Phosphate Buffered Saline. Aliquots of the suspensions were then spread-plated onto the surface of several plates of the solid medium appropriate for each microorganism (reference Table I). These plates were incubated at the temperature and under the conditions appropriate for these species (reference Table I in Protocol #990941 - Addendum I) until sufficient growth was observed. This produced lawns of microorganisms on the surface of the agar plates which were used to prepare the challenge suspensions.
- 11.4 The broth cultures prepared as described in Section 11.1 (except for *Bacteroides fragilis* [ATCC# 25285 and Clinical Isolate]) were inoculated onto the surface of the solid medium appropriate for each microorganism and incubated at the temperatures and under the conditions appropriate for each species (reference Table I in Protocol #990941 - Addendum I) until sufficient growth was observed. This produced lawns of microorganisms on the surface of the agar plates which were used to prepare the challenge suspensions.
- 11.5 For *Bacteroides fragilis* (ATCC #25285 and Clinical Isolate), the broth cultures prepared as described in Section 11.1 were subcultured in multiple tubes of Schaedler's Broth and incubated appropriately (reference Table I in Protocol #990941 - Addendum I) until sufficient growth was observed. Following incubation, the challenge suspensions were prepared by centrifuging the broth culture tubes, combining the resulting pellets, and resuspending them in Schaedler's Broth.

Challenge Suspensions

- 11.6 Immediately prior to initiating the test procedure, an initial suspension of each microorganism (except for *Bacteroides fragilis* [ATCC# 25285 and Clinical Isolate]) was prepared in Phosphate Buffered Saline by suspending challenge microorganisms taken from the plates of solid media prepared as described in Sections 11.3 and 11.4. Suspension concentrations of approximately 1.0×10^9 CFU/mL were prepared. The challenge suspensions of *Bacteroides fragilis* (ATCC #25285 and Clinical Isolate) were prepared as described in Section 11.5.
- 11.7 Final challenge suspensions containing approximately 1.0×10^6 CFU/mL were achieved for each microorganism by placing aliquots of the 1.0×10^9 CFU/mL suspension into a sterile 125 mL polypropylene bottle containing a sufficient volume of the appropriate broth (reference Table I) to complete the study. The challenge suspension was mixed thoroughly using a vortex mixer prior to use in testing.

Initial Population Determination

- 11.8 An initial population was determined for each challenge suspension by making ten-fold dilutions (10^{-1} , 10^{-2} , 10^{-3} , and 10^{-4}) from the inoculum bottle prepared as described in Section 11.7 into Phosphate Buffered Saline and pour- or spread-plating, in duplicate, 0.1 mL aliquots of the 10^{-2} , 10^{-3} , and 10^{-4} dilutions using the appropriate solid media (reference Table I). Hence, the final plated dilutions were 10^{-3} , 10^{-4} , and 10^{-5} .

Testing Procedure

- 11.9 A series of 1:2 (v/v) dilutions of the test product, the product vehicle, and the control product (Hibiclens®) were prepared using the appropriate broth for each microorganism (reference Table I), resulting in product dilutions of 1:2, 1:4, 1:8, 1:16, 1:32, 1:64, 1:128, 1:256, 1:512, 1:1,024, 1:2,048, 1:4,096, 1:8,192, 1:16,384, and 1:32,768. 1.0 mL aliquots of each product dilution prepared were transferred to separate sterile test tubes.
- 11.10 Fifteen (15) tubes containing 1.0 mL each of the product dilutions specified above were prepared for testing of each of the microorganisms against the products, as assigned for each in Table I.
- 11.11 A 1.0 mL aliquot of challenge suspension containing approximately 1.0×10^6 CFU/mL was dispensed into each tube in each dilution series, prepared as described in Sections 11.9 and 11.10. This resulted in final product dilution series of 1:4, 1:8, 1:16, 1:32, 1:64, 1:128, 1:256, 1:512, 1:1,024, 1:2,048, 1:4,096, 1:8,192, 1:16,384, 1:32,768, and 1:65,536, with each dilution containing approximately 5.0×10^5 CFU/mL of the challenge microorganism.
- 11.12 The test procedure outlined in Sections 11.9 through 11.11 was performed for each microorganism species tested. Not all microorganism strains were used to challenge each product. The test product/microorganism testing assignments are detailed in Sections 6.2 and 6.3, and in Table I.

Controls

- 11.13 A positive control tube (growth control) containing a 1.0 mL aliquot of the appropriate broth and a 1.0 mL aliquot of the challenge suspension was prepared for each microorganism (reference Table I).
- 11.14 A negative control tube (media sterility; no microbial inoculation) of each broth medium was also prepared.

Incubation

- 11.15 The challenge suspension/product dilution tubes and the controls were incubated at $35^\circ \pm 2^\circ\text{C}$ for sixteen (16) to twenty-four (24) hours, or until good growth was apparent in the positive control tubes (for specific MIC incubation times, reference Table I).

Determination of Results

- 11.16 Following incubation, the tubes were examined for growth of the microorganism, as indicated by turbidity.
- 11.17 The Minimum Inhibitory Concentration (MIC) for each product versus each challenge microorganism was recorded as the highest dilution of product that completely inhibited growth of the microorganism, as detected by the unaided eye. The MIC was also calculated in parts per million (ppm) of the active ingredient of the test product (Product #1) or the control product (Hibiclens®) present at these dilutions.

TABLE I

No.	Microorganism Species <i>Acinetobacter</i> species	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
1	<i>Acinetobacter</i> sp. (ATCC #9957)	20.5 hours	35° ± 2°C	BHIB/BHIA/MHB	1
2	<i>Acinetobacter</i> sp. (ATCC #11171)	20.5 hours	35° ± 2°C	BHIB/BHIA/MHB	1
3	<i>Acinetobacter</i> sp. (ATCC #33305)	20.5 hours	35° ± 2°C	BHIB/BHIA/MHB	1
4	<i>Acinetobacter</i> sp. (ATCC #33306)	39.75 hours	35° ± 2°C	BHIB/BHIA/MHB	1
5	<i>A. baumannii</i> (ATCC #9955)	27 hours	35° ± 2°C	BHIB/BHIA/MHB	1
6	<i>Acinetobacter</i> sp. (ATCC #33969)	20.5 hours	35° ± 2°C	BHIB/BHIA/MHB	1
7	<i>Acinetobacter</i> sp. (ATCC #49137)	24.5 hours	35° ± 2°C	BHIB/BHIA/MHB	1, 2, 3
8	<i>Acinetobacter</i> sp. (ATCC #49139)	24.5 hours	35° ± 2°C	BHIB/BHIA/MHB	1
9	<i>Acinetobacter</i> sp. (ATCC #49466)	24.5 hours	35° ± 2°C	BHIB/BHIA/MHB	1
10	<i>A. baumannii</i> (ATCC #17976)	27 hours	35° ± 2°C	BHIB/BHIA/MHB	1
11	<i>Acinetobacter</i> sp. (ATCC #49468)	20.5 hours	35° ± 2°C	BHIB/BHIA/MHB	1
12	<i>A. baumannii</i> (ATCC #17978)	27 hours	35° ± 2°C	BHIB/BHIA/MHB	1
13	<i>Acinetobacter</i> sp. (ATCC #51550)	20.5 hours	35° ± 2°C	BHIB/BHIA/MHB	1
14	<i>A. baumannii</i> (ATCC #19003)	27 hours	35° ± 2°C	BHIB/BHIA/MHB	1
15	<i>A. baumannii</i> (ATCC #19606)	19.75 hours	35° ± 2°C	BHIB/BHIA/MHB	1, 2, 3
16	<i>A. calcoaceticus</i> (ATCC #14987)	20.5 hours	35° ± 2°C	BHIB/BHIA/MHB	1, 2, 3
17	<i>A. calcoaceticus</i> (ATCC #23055)	45.25 hours	35° ± 2°C	BHIB/BHIA/MHB*	1
18	<i>A. calcoaceticus</i> (ATCC #51432)	20.5 hours	35° ± 2°C	BHIB/BHIA/MHB	1
19	<i>A. haemolyticus</i> (ATCC #17906)	20.5 hours	35° ± 2°C	BHIB/BHIA/MHB	1
20	<i>A. haemolyticus</i> (ATCC #19002)	24.5 hours	35° ± 2°C	BHIB/BHIA/MHB	1, 2, 3
21	<i>A. johnsonii</i> (ATCC #17909)	23 hours	35° ± 2°C	BHIB/BHIA/MHB	1
22	<i>A. junii</i> (ATCC #17908)	23 hours	35° ± 2°C	BHIB/BHIA/MHB	1
23	<i>A. lwoffii</i> (ATCC #15309)	19.75 hours	35° ± 2°C	BHIB/BHIA/MHB	1, 2, 3
24	<i>A. lwoffii</i> (ATCC #17925)	27 hours	35° ± 2°C	BHIB/BHIA/MHB	1
25	<i>A. radioresistens</i> (ATCC #43998)	23 hours	35° ± 2°C	BHIB/BHIA/MHB	1

* = See Protocol Deviation Form dated 2/10/00.

TABLE I (continued)

No	Microorganism Species <i>Acinetobacter</i> species	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
26	<i>A. baumannii</i> (CI - BSLI #081399Abc)	19.75 hours	35° ± 2°C	BHIB/BHIA/MHB	1, 2, 3
27	<i>A. baumannii</i> (CI - BSLI #071499Ab)	19.75 hours	35° ± 2°C	BHIB/BHIA/MHB	1, 2, 3
28	<i>A. calcoaceticus</i> (CI - BSLI #121699Asp)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1, 2, 3
29	<i>A. baumannii</i> (CI - BSLI #121799Asp1)*	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1, 2, 3
30	<i>A. baumannii</i> (CI - BSLI #121799Asp2)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1, 2, 3
31	<i>A. baumannii</i> (CI - BSLI #121799Asp3)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
32	<i>A. baumannii</i> (CI - BSLI #121799Asp4)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
33	<i>A. baumannii</i> (CI - BSLI #121799Asp5)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
34	<i>A. baumannii</i> (CI - BSLI #010500Asp)	22.5 hours	35° ± 2°C	BHIB/BHIA/MHB	1
35	<i>A. baumannii</i> (CI - BSLI #061700Ab1)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
36	<i>A. baumannii</i> (CI - BSLI #061700Ab2)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
37	<i>A. baumannii</i> (CI - BSLI #061700Ab3)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
38	<i>A. baumannii</i> (CI - BSLI #061700Ab4)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
39	<i>A. baumannii</i> (CI - BSLI #061700Ab5)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
40	<i>A. baumannii</i> (CI - BSLI #061700Ab6)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
41	<i>A. baumannii</i> (CI - BSLI #061700Ab7)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
42	<i>A. baumannii</i> (CI - BSLI #061700Ab8)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
43	<i>A. baumannii</i> (CI - BSLI #061700Ab9)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
44	<i>A. baumannii</i> (CI - BSLI #061700Ab10)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
45	<i>A. baumannii</i> (CI - BSLI #061700Ab11)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
46	<i>A. baumannii</i> (CI - BSLI #061700Ab12)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
47	<i>A. baumannii</i> (CI - BSLI #061700Ab14)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
48	<i>A. baumannii</i> (CI - BSLI #061700Ab15)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
49	<i>A. baumannii</i> (CI - BSLI #061700Ab16)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1
50	<i>A. baumannii</i> (CI - BSLI #061700Ab17)	20 hours	35° ± 2°C	BHIB/BHIA/MHB	1

CI = Clinical Isolate

* = Identified as *A. baumannii* by sender (UW/HMC) but identified by WMC as *S. marcescens*.

TABLE I (continued)

No	Microorganism Species <i>Bacteroides</i> species	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
51	<i>B. fragilis</i> (ATCC #23745)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1, 2, 3
52	<i>B. fragilis</i> (ATCC #25285)	27 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1, 2, 3
53	<i>B. fragilis</i> (ATCC #29762)	69.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1, 2, 3
54	<i>B. fragilis</i> (ATCC #29763)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
55	<i>B. fragilis</i> (ATCC #29764)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
56	<i>B. fragilis</i> (ATCC #29765)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
57	<i>B. fragilis</i> (ATCC #29766)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
58	<i>B. fragilis</i> (ATCC #29767)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
59	<i>B. fragilis</i> (ATCC #29768)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
60	<i>B. fragilis</i> (ATCC #29769)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
61	<i>B. fragilis</i> (ATCC #29770)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
62	<i>B. fragilis</i> (ATCC #29771)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
63	<i>B. fragilis</i> (ATCC #43858)	69.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1, 2, 3
64	<i>B. fragilis</i> (ATCC #43859)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
65	<i>B. fragilis</i> (ATCC #43860)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
66	<i>B. fragilis</i> (ATCC #43935)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
67	<i>B. fragilis</i> (ATCC #43936)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1, 2, 3
68	<i>B. fragilis</i> (ATCC #43937)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
69	<i>B. fragilis</i> (ATCC #51477)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
70	<i>B. bivia</i> (CI - BSLI #060700Bb1)	21 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1, 2, 3
71	<i>B. bivia</i> (CI - BSLI #060700Bb2)	21 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1, 2, 3
72	<i>B. bivia</i> (CI - BSLI #060700Bb3)	21 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
73	<i>B. bivia</i> (CI - BSLI #060700Bb4)	21 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1, 2, 3
74	<i>B. bivia</i> (CI - BSLI #060700Bb5)	21 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1, 2, 3
75	<i>B. bivia</i> (CI - BSLI #060700Bb6)	21 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1

CI = Clinical Isolate

TABLE I (continued)

No.	Microorganism Species <i>Bacteroides</i> species	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
76	<i>B. buccae</i> (CI - BSLI #060700Bbu)	21 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
77	<i>B. caccae</i> (CI - BSLI #060700Bc)	21 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
78	<i>B. caccae</i> (CI - BSLI #090800Bcl)	22 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
79	<i>B. caccae</i> (CI - BSLI #090800Bc2)	22 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
80	<i>B. capillosus</i> (CI - BSLI #060700Bcp1)	21 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
81	<i>B. capillosus</i> (CI - BSLI #060700Bcp2)	21 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
82	<i>B. capillosus</i> (CI - BSLI #060700Bcp3)	69.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
83	<i>B. capillosus</i> (CI - BSLI #060700Bcp4)	21 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
84	<i>B. distasonis</i> (CI - BSLI #060700Bd1)	21 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
85	<i>B. fragilis</i> (CI - BSLI #021000Bf1)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1, 2, 3
86	<i>B. fragilis</i> (CI - BSLI #021000Bf2)	42.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1, 2, 3
87	<i>B. fragilis</i> (CI - BSLI #060700Bf2)	69.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
88	<i>B. fragilis</i> (CI - BSLI #060700Bf3)	21 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
89	<i>B. fragilis</i> (CI - BSLI #060700Bf5)	69.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
90	<i>B. fragilis</i> (CI - BSLI #060700Bf6)	69.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
91	<i>B. fragilis</i> (CI - BSLI #060700Bf7)	21 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
92	<i>B. fragilis</i> (CI - BSLI #060700Bf8)	69.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
93	<i>B. fragilis</i> (CI - BSLI #060700Bf9)	21 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
94	<i>B. fragilis</i> (CI - BSLI #090800Bf)	22 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
95	<i>B. melaninogenicus</i> (CI - BSLI #060700Bm1)	21 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
96	<i>B. thetaiotaomicron</i> (CI - BSLI #060700Bt2)	69.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
97	<i>B. thetaiotaomicron</i> (CI - BSLI #060700Bt3)	68 & 69.25 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1*
98	<i>B. thetaiotaomicron</i> (CI - BSLI #090800Bt)	22 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
99	<i>B. vulgatus</i> (CI - BSLI #090800Bv1)	22 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1
100	<i>B. vulgatus</i> (CI - BSLI #090800Bv2)	22 hours	35° ± 2°C (Anaerobic)	SB/SA-B/AMIC	1

CI = Clinical Isolate

* = Inadvertently tested twice.

TABLE I (continued)

No.	Microorganism Species <i>Enterobacter</i> species	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
101	<i>E. aerogenes</i> (ATCC #13048)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
102	<i>E. aerogenes</i> (ATCC #15038)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
103	<i>E. aerogenes</i> (ATCC #29007)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
104	<i>E. aerogenes</i> (ATCC #29008)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
105	<i>E. aerogenes</i> (ATCC #29009)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
106	<i>E. aerogenes</i> (ATCC #29010)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
107	<i>E. aerogenes</i> (ATCC #29751)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
108	<i>E. aerogenes</i> (ATCC #35028)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
109	<i>E. aerogenes</i> (ATCC #35029)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
110	<i>E. aerogenes</i> (ATCC #49469)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
111	<i>E. aerogenes</i> (ATCC #49701)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
112	<i>E. aerogenes</i> (ATCC #51342)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
113	<i>E. aerogenes</i> (ATCC #51697)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
114	<i>E. cloacae</i> (ATCC #222)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
115	<i>E. cloacae</i> (ATCC #529)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
116	<i>E. cloacae</i> (ATCC #961)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
117	<i>E. cloacae</i> (ATCC #962)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
118	<i>E. cloacae</i> (ATCC #7256)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
119	<i>E. cloacae</i> (ATCC #13047)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
120	<i>E. cloacae</i> (ATCC #23355)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
121	<i>E. cloacae</i> (ATCC #33457)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
122	<i>E. cloacae</i> (ATCC #35030)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
123	<i>E. cloacae</i> (ATCC #35549)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
124	<i>E. cloacae</i> (ATCC #43091)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
125	<i>E. cloacae</i> (ATCC #49141)	20 hours	35° ± 2°C	TSB/TSA/MHB	1

TABLE I (continued)

No.	Microorganism Species <i>Enterobacter</i> species	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
126	<i>E. cloacae</i> (CI - BSLI #081299Ec)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
127	<i>E. aerogenes</i> (CI - BSLI #013100Ea)	23 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
128	<i>E. aerogenes</i> (CI - BSLI #040400Ea1)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
129	<i>E. aerogenes</i> (CI - BSLI #040400Ea2)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
130	<i>E. aerogenes</i> (CI - BSLI #040400Ea3)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
131	<i>E. aerogenes</i> (CI - BSLI #040400Ea4)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
132	<i>E. aerogenes</i> (CI - BSLI #040400Ea5)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
133	<i>E. aerogenes</i> (CI - BSLI #040400Ea6)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
134	<i>E. aerogenes</i> (CI - BSLI #040400Ea7)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
135	<i>E. aerogenes</i> (CI - BSLI #040400Ea8)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
136	<i>E. aerogenes</i> (CI - BSLI #040400Ea9)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
137	<i>E. aerogenes</i> (CI - BSLI #040400Ea10)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
138	<i>E. cloacae</i> (CI - BSLI #121799Ecl1)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
139	<i>E. cloacae</i> (CI - BSLI #121799Ecl2)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
140	<i>E. cloacae</i> (CI - BSLI #040400Ecl1)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
141	<i>E. cloacae</i> (CI - BSLI #040400Ecl2)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
142	<i>E. cloacae</i> (CI - BSLI #040400Ecl3)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
143	<i>E. cloacae</i> (CI - BSLI #040400Ecl4)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
144	<i>E. cloacae</i> (CI - BSLI #040400Ecl5)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
145	<i>E. cloacae</i> (CI - BSLI #040400Ecl6)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
146	<i>E. cloacae</i> (CI - BSLI #040400Ecl7)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
147	<i>E. cloacae</i> (CI - BSLI #040400Ecl8)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
148	<i>E. cloacae</i> (CI - BSLI #040400Ecl9)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
149	<i>E. cloacae</i> (CI - BSLI #040400Ecl10)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
150	<i>E. cloacae</i> (CI - BSLI #040400Ecl11)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1

CI = Clinical Isolate

TABLE I (continued)

No.	Microorganism Species <i>Enterococcus faecalis</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
151	<i>E. faecalis</i> (ATCC #4082)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
152	<i>E. faecalis</i> (ATCC #4083)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
153	<i>E. faecalis</i> (ATCC #4200)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
154	<i>E. faecalis</i> (ATCC #6055)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
155	<i>E. faecalis</i> (ATCC #7080)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
156	<i>E. faecalis</i> (ATCC #10100)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
157	<i>E. faecalis</i> (ATCC #14506)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
158	<i>E. faecalis</i> (ATCC #19433)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
159	<i>E. faecalis</i> (ATCC #29212)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
160	<i>E. faecalis</i> (ATCC #33012)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
161	<i>E. faecalis</i> (ATCC #33186)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
162	<i>E. faecalis</i> (ATCC #35038)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
163	<i>E. faecalis</i> (ATCC #35550)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
164	<i>E. faecalis</i> (ATCC #49149)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
165	<i>E. faecalis</i> (ATCC #49332)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
166	<i>E. faecalis</i> (ATCC #49452)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
167	<i>E. faecalis</i> (ATCC #49474)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
168	<i>E. faecalis</i> (ATCC #49477)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
169	<i>E. faecalis</i> (ATCC #49478)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
170	<i>E. faecalis</i> (ATCC #49532)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
171	<i>E. faecalis</i> (ATCC #49533)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
172	<i>E. faecalis</i> (ATCC #49761)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
173	<i>E. faecalis</i> (ATCC #51188)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
174	<i>E. faecalis</i> (ATCC #51299)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
175	<i>E. faecalis</i> (ATCC #51575)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3

TABLE I (continued)

No.	Microorganism Species <i>Enterococcus faecalis</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
176	<i>E. faecalis</i> (CI - BSLI #080294VRE2)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
177	<i>E. faecalis</i> (CI - BSLI #080294VRE4)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
178	<i>E. faecalis</i> (CI - BSLI #080294VRE1)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
179	<i>E. faecalis</i> (CI - BSLI #121699Efs1)	19.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
180	<i>E. faecalis</i> (CI - BSLI #121699Efs2)	19.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
181	<i>E. faecalis</i> (CI - BSLI #010500Efs)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
182	<i>E. faecalis</i> (CI - BSLI #013100Efs)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
183	<i>E. faecalis</i> (CI - BSLI #040400Esp17)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
184	<i>E. faecalis</i> (CI - BSLI #040400Esp18)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
185	<i>E. faecalis</i> (CI - BSLI #040400Esp19)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
186	<i>E. faecalis</i> (CI - BSLI #040400Esp20)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
187	<i>E. faecalis</i> (CI - BSLI #040400Esp21)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
188	<i>E. faecalis</i> (CI - BSLI #040400Esp22)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
189	<i>E. faecalis</i> (CI - BSLI #040400Esp24)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
190	<i>E. faecium</i> (CI - BSLI #040400Esp25)*	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
191	<i>E. faecalis</i> (CI - BSLI #040400Esp26)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
192	<i>E. faecalis</i> (CI - BSLI #040400Esp27)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
193	<i>E. faecalis</i> (CI - BSLI #040400Esp28)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
194	<i>E. faecalis</i> (CI - BSLI #040400Esp29)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
195	<i>E. faecalis</i> (CI - BSLI #040400Esp30)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
196	<i>E. faecium</i> (CI - BSLI #040400Esp31)*	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
197	<i>E. faecalis</i> (CI - BSLI #040400Esp32)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
198	<i>E. faecalis</i> (CI - BSLI #040400Esp33)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
199	<i>E. faecalis</i> (CI - BSLI #040400Esp34)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
200	<i>E. faecalis</i> (CI - BSLI #061700Efs1)	20 hours	35° ± 2°C	TSB/TSA/MHB	1

CI = Clinical Isolate

* = Identified as *Enterococcus* species by sender (U of U) but identified by WMC as *E. faecium*.

TABLE I (continued)

No.	Microorganism Species <i>Enterococcus faecium</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
201	<i>E. faecium</i> (ATCC #349)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
202	<i>E. faecium</i> (ATCC #882)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
203	<i>E. faecium</i> (ATCC #6057)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
204	<i>E. faecium</i> (ATCC #6569)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
205	<i>E. faecium</i> (ATCC #8459)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
206	<i>E. faecium</i> (ATCC #9756)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
207	<i>E. faecium</i> (ATCC #12952)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
208	<i>E. faecium</i> (ATCC #19434)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
209	<i>E. faecium</i> (ATCC #19579)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
210	<i>E. faecium</i> (ATCC #19580)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
211	<i>E. faecium</i> (ATCC #19581)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
212	<i>E. faecium</i> (ATCC #19634)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
213	<i>E. faecium</i> (ATCC #19950)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
214	<i>E. faecium</i> (ATCC #19953)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
215	<i>E. faecium</i> (ATCC #23828)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
216	<i>E. faecium</i> (ATCC #25307)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
217	<i>E. faecium</i> (ATCC #27270)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
218	<i>E. faecium</i> (ATCC #27273)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
219	<i>E. faecium</i> (ATCC #35667)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
220	<i>E. faecium</i> (ATCC #49032)	27 hours	35° ± 2°C	TSB/TSA/MHB	1
221	<i>E. faecium</i> (ATCC #49224)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
222	<i>E. faecium</i> (ATCC #49225)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
223	<i>E. faecium</i> (ATCC #49624)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
224	<i>E. faecium</i> (ATCC #51558)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
225	<i>E. faecium</i> (ATCC #51559)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3

TABLE I (continued)

No.	Microorganism Species <i>Enterococcus faecium</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
226	<i>E. faecium</i> (CI - BSLI #050499VRE)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
227	<i>E. faecium</i> (CI - BSLI #062599VRE)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
228	<i>E. faecium</i> (CI - BSLI #052999Ef)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
229	<i>E. faecium</i> (CI - BSLI #080599VRE)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
230	<i>E. faecium</i> (CI - BSLI #072199VRE)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
231	<i>E. faecium</i> (CI - BSLI #071999VRE)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
232	<i>E. faecium</i> (CI - BSLI #062999VRE)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
233	<i>E. faecium</i> (CI - BSLI #071499VRE)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
234	<i>E. faecium</i> (CI - BSLI #010500Ef)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1
235	<i>E. faecium</i> (CI - BSLI #040400VREFm1)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
236	<i>E. faecium</i> (CI - BSLI #040400VREFm2)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
237	<i>E. faecium</i> (CI - BSLI #040400VREFm3)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
238	<i>E. faecium</i> (CI - BSLI #040400VREFm4)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
239	<i>E. faecium</i> (CI - BSLI #040400VREF5)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
240	<i>E. faecium</i> (CI - BSLI #040400VREF6)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
241	<i>E. faecium</i> (CI - BSLI #040400VREF7)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
242	<i>E. faecium</i> (CI - BSLI #040400VREF8)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
243	<i>E. faecium</i> (CI - BSLI #040400VREF9)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
244	<i>E. faecium</i> (CI - BSLI #040400VREF10)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
245	<i>E. faecium</i> (CI - BSLI #040400VREF11)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
246	<i>E. faecium</i> (CI - BSLI #040400VREF12)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
247	<i>E. faecium</i> (CI - BSLI #040400VREF13)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
248	<i>E. faecium</i> (CI - BSLI #040400VREF14)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
249	<i>E. faecium</i> (CI - BSLI #040400VREF15)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
250	<i>E. faecium</i> (CI - BSLI #040400VREF16)	20 hours	35° ± 2°C	TSB/TSA/MHB	1

CI = Clinical Isolate

TABLE I (continued)

No.	Microorganism Species <i>Escherichia coli</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
251	<i>E. coli</i> (ATCC #4157)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
252	<i>E. coli</i> (ATCC #8677)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
253	<i>E. coli</i> (ATCC #8739)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
254	<i>E. coli</i> (ATCC #9637)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
255	<i>E. coli</i> (ATCC #10536)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
256	<i>E. coli</i> (ATCC #10798)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
257	<i>E. coli</i> (ATCC #11229)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
258	<i>E. coli</i> (ATCC #11303)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
259	<i>E. coli</i> (ATCC #11775)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
260	<i>E. coli</i> (ATCC #12435)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
261	<i>E. coli</i> (ATCC #13762)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
262	<i>E. coli</i> (ATCC #14948)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
263	<i>E. coli</i> (ATCC #15223)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
264	<i>E. coli</i> (ATCC #15224)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
265	<i>E. coli</i> (ATCC #15597)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
266	<i>E. coli</i> (ATCC #15939)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
267	<i>E. coli</i> (ATCC #23231)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
268	<i>E. coli</i> (ATCC #23558)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
269	<i>E. coli</i> (ATCC #23559)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
270	<i>E. coli</i> (ATCC #23588)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
271	<i>E. coli</i> (ATCC #25922)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
272	<i>E. coli</i> (ATCC #29194)	24.5 hours	35° ± 2°C	TSB/TSA/MHB	1
273	<i>E. coli</i> (ATCC #35150)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
274	<i>E. coli</i> (ATCC #35218)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
275	<i>E. coli</i> (ATCC #43892)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3

TABLE I (continued)

No.	Microorganism Species <i>Escherichia coli</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
276	<i>E. coli</i> (CI - BSLI #060199Ec)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
277	<i>E. coli</i> (CI - BSLI # 051599Ec)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
278	<i>E. coli</i> (CI - BSLI #070399Ec)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
279	<i>E. coli</i> (CI - BSLI #121699Ec1)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
280	<i>E. coli</i> (CI - BSLI #121699Ec2)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
281	<i>E. coli</i> (CI - BSLI #121799Ec1)	19.5 hours	35° ± 2°C	TSB/TSA/MHB	1
282	<i>E. coli</i> (CI - BSLI #121799Ec2)	19.5 hours	35° ± 2°C	TSB/TSA/MHB	1
283	<i>E. coli</i> (CI - BSLI #121799Ec3)	19.5 hours	35° ± 2°C	TSB/TSA/MHB	1
284	<i>E. coli</i> (CI - BSLI #010500Ec1)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1
285	<i>E. coli</i> (CI - BSLI #010500Ec2)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1
286	<i>E. coli</i> (CI - BSLI #010500Ec3)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1
287	<i>E. coli</i> (CI - BSLI #010500Ec4)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1
288	<i>E. coli</i> (CI - BSLI #010500Ec5)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1
289	<i>E. coli</i> (CI - BSLI #010500Ec6)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1
290	<i>E. coli</i> (CI - BSLI #010500Ec7)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1
291	<i>E. coli</i> (CI - BSLI #010500Ec8)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1
292	<i>E. coli</i> (CI - BSLI #010500Ec9)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1
293	<i>E. coli</i> (CI - BSLI #013100Ec1)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
294	<i>E. coli</i> (CI - BSLI #013100Ec2)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
295	<i>E. coli</i> (CI - BSLI #013100Ec3)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
296	<i>E. coli</i> (CI - BSLI #013100Ec4)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
297	<i>E. coli</i> (CI - BSLI #013100Ec5)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
298	<i>E. coli</i> (CI - BSLI #013100Ec6)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
299	<i>E. coli</i> (CI - BSLI #013100Ec7)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
300	<i>E. coli</i> (CI - BSLI #013100Ec8)	23 hours	35° ± 2°C	TSB/TSA/MHB	1

CI = Clinical Isolate

TABLE I (continued)

No.	Microorganism Species <i>Haemophilus influenzae</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
301	<i>H. influenzae</i> (ATCC #8142)	20.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
302	<i>H. influenzae</i> (ATCC #8149)	20.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
303	<i>H. influenzae</i> (ATCC #9006)	27 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
304	<i>H. influenzae</i> (ATCC #9007)	20.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
305	<i>H. influenzae</i> (ATCC #9008)	20.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
306	<i>H. influenzae</i> (ATCC #9131)	20.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
307	<i>H. influenzae</i> (ATCC #9795)	20.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1, 2, 3
308	<i>H. influenzae</i> (ATCC #9833)	20.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1, 2, 3
309	<i>H. influenzae</i> (ATCC #10211)	27 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
310	<i>H. influenzae</i> (ATCC #11116)	20.25 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
311	<i>H. influenzae</i> (ATCC #19418)	27 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1, 2, 3
312	<i>H. influenzae</i> (ATCC #33391)	20.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
313	<i>H. influenzae</i> (ATCC #33533)	27 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
314	<i>H. influenzae</i> (ATCC #33930)	27 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
315	<i>H. influenzae</i> (ATCC #35056)	27 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
316	<i>H. influenzae</i> (ATCC #35540)	20.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1, 2, 3
317	<i>H. influenzae</i> (ATCC #43065)	27 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
318	<i>H. influenzae</i> (ATCC #43163)	27 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
319	<i>H. influenzae</i> (ATCC #49144)	27 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
320	<i>H. influenzae</i> (ATCC #49247)	20.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
321	<i>H. influenzae</i> (ATCC #49401)	20.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1, 2, 3
322	<i>H. influenzae</i> (ATCC #49766)	27 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
323	<i>H. influenzae</i> (ATCC #49824)	20.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
324	<i>H. influenzae</i> (ATCC #51654)	20.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
325	<i>H. influenzae</i> (ATCC #51907)	20.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1

TABLE I (continued)

No.	Microorganism Species <i>Haemophilus influenzae</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
326	<i>H. influenzae</i> (CI - BSLI #121699Hi1)	24.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1, 2, 3
327	<i>H. influenzae</i> (CI - BSLI #121699Hi2)	24.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1, 2, 3
328	<i>H. influenzae</i> (CI - BSLI #121699Hi3)	24.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1, 2, 3
329	<i>H. influenzae</i> (CI - BSLI #121699Hi4)	24.5 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1, 2, 3
330	<i>H. influenzae</i> (CI - BSLI #062900Hi2)	17.75 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
331	<i>H. influenzae</i> (CI - BSLI #062900Hi3)	17.75 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
332	<i>H. influenzae</i> (CI - BSLI #062900Hi4)	17.75 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
333	<i>H. influenzae</i> (CI - BSLI #062900Hi5)	20 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
334	<i>H. influenzae</i> (CI - BSLI #062900Hi6)	17.75 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
335	<i>H. influenzae</i> (CI - BSLI #062900Hi7)	17.75 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
336	<i>H. influenzae</i> (CI - BSLI #062900Hi8)	17.75 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
337	<i>H. influenzae</i> (CI - BSLI #062900Hi9)	17.75 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
338	<i>H. influenzae</i> (CI - BSLI #062900Hi10)	17.75 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
339	<i>H. influenzae</i> (CI - BSLI #062900Hi11)	17.75 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
340	<i>H. influenzae</i> (CI - BSLI #062900Hi12)	17.75 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
341	<i>H. influenzae</i> (CI - BSLI #062900Hi13)	17.75 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
342	<i>H. influenzae</i> (CI - BSLI #062900Hi14)	17.75 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
343	<i>H. influenzae</i> (CI - BSLI #062900Hi15)	17.75 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
344	<i>H. influenzae</i> (CI - BSLI #062900Hi16)	20 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
345	<i>H. influenzae</i> (CI - BSLI #062900Hi17)	17.75 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
346	<i>H. influenzae</i> (CI - BSLI #062900Hi18)	17.75 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
347	<i>H. influenzae</i> (CI - BSLI #062900Hi19)	17.75 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
348	<i>H. influenzae</i> (CI - BSLI #062900Hi20)	20 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
349	<i>H. influenzae</i> (CI - BSLI #062900Hi21)	17.75 hours	35° ± 2°C	CAE/MHA-XV/MHB-XV	1
350	<i>H. influenzae</i> (CI - BSLI #062900Hi22)	20 & 20.25 hours*	35° ± 2°C	CAE/MHA-XV/MHB-XV	1, 2, 3

CI = Clinical Isolate

* = Two test dates required to complete testing.

TABLE I (continued)

No.	Microorganism Species <i>Klebsiella</i> species	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
351	<i>K. oxytoca</i> (ATCC #8724)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
352	<i>K. oxytoca</i> (ATCC #12833)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
353	<i>K. oxytoca</i> (ATCC #13030)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
354	<i>K. oxytoca</i> (ATCC #13182)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
355	<i>K. oxytoca</i> (ATCC #13183)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
356	<i>K. oxytoca</i> (ATCC #15328)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
357	<i>K. oxytoca</i> (ATCC #15764)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
358	<i>K. oxytoca</i> (ATCC #29516)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
359	<i>K. oxytoca</i> (ATCC #31899)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
360	<i>K. oxytoca</i> (ATCC #33496)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
361	<i>K. oxytoca</i> (ATCC #35600)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
362	<i>K. oxytoca</i> (ATCC #43075)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
363	<i>K. oxytoca</i> (ATCC #43086)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
364	<i>K. oxytoca</i> (ATCC #43165)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
365	<i>K. oxytoca</i> (ATCC #43863)	23 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
366	<i>K. oxytoca</i> (ATCC #49131)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
367	<i>K. oxytoca</i> (ATCC #49334)	23 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
368	<i>K. oxytoca</i> (ATCC #49473)	23 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
369	<i>K. oxytoca</i> (ATCC #68831)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
370	<i>K. planticola</i> (ATCC #8329)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
371	<i>K. planticola</i> (ATCC #15050)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
372	<i>K. planticola</i> (ATCC #21524)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
373	<i>K. planticola</i> (ATCC #21609)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
374	<i>K. planticola</i> (ATCC #33531)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
375	<i>K. planticola</i> (ATCC #43176)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1

TABLE I (continued)

No.	Microorganism Species <i>Klebsiella</i> species	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
376	<i>K. oxytoca</i> (CI - BSLI #060199Ko)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
377	<i>K. oxytoca</i> (CI - BSLI #121799Ko)	19.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
378	<i>K. oxytoca</i> (CI - BSLI #040400Kpn8)*	20 hours**	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
379	<i>K. oxytoca</i> (CI - BSLI #060700Ko)	22 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
380	<i>K. oxytoca</i> (CI - BSLI #060700Ko1)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
381	<i>K. oxytoca</i> (CI - BSLI #060700Ko2)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
382	<i>K. oxytoca</i> (CI - BSLI #060700Ko3)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
383	<i>K. oxytoca</i> (CI - BSLI #060700Ko4)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
384	<i>K. oxytoca</i> (CI - BSLI #060700Ko5)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
385	<i>K. oxytoca</i> (CI - BSLI #060700Ko6)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
386	<i>K. oxytoca</i> (CI - BSLI #060700Ko7)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
387	<i>K. oxytoca</i> (CI - BSLI #060700Ko8)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
388	<i>K. oxytoca</i> (CI - BSLI #060700Ko9)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
389	<i>K. oxytoca</i> (CI - BSLI #060700Ko10)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
390	<i>K. oxytoca</i> (CI - BSLI #060700Ko11)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
391	<i>K. oxytoca</i> (CI - BSLI #060700Ko12)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
392	<i>K. oxytoca</i> (CI - BSLI #060700Ko13)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
393	<i>K. oxytoca</i> (CI - BSLI #060700Ko14)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
394	<i>K. oxytoca</i> (CI - BSLI #060700Ko15)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
395	<i>K. oxytoca</i> (CI - BSLI #060700Ko16)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
396	<i>K. oxytoca</i> (CI - BSLI #060700Ko17)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
397	<i>K. oxytoca</i> (CI - BSLI #060700Ko18)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
398	<i>K. oxytoca</i> (CI - BSLI #060700Ko19)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
399	<i>K. oxytoca</i> (CI - BSLI #060700Ko20)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
400	<i>K. oxytoca</i> (CI - BSLI #060700Ko21)	22 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3

CI = Clinical Isolate

* = Identified as *K. pneumoniae* by sender (U of U) but identified by WMC as *K. oxytoca*. WMC identification verified by BSLI via indole reaction.

** = Two test dates required to complete testing; incubation time was same for both test dates.

TABLE I (continued)

No.	Microorganism Species <i>Klebsiella pneumoniae</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
401	<i>K. pneumoniae</i> (ATCC #132)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
402	<i>K. pneumoniae</i> (ATCC #211)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
403	<i>K. pneumoniae</i> (ATCC #4208)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
404	<i>K. pneumoniae</i> (ATCC #4209)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
405	<i>K. pneumoniae</i> (ATCC #4211)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
406	<i>K. pneumoniae</i> (ATCC #4352)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
407	<i>K. pneumoniae</i> (ATCC #4727)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
408	<i>K. pneumoniae</i> (ATCC #8044)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
409	<i>K. pneumoniae</i> (ATCC #8045)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
410	<i>K. pneumoniae</i> (ATCC #8047)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
411	<i>K. pneumoniae</i> (ATCC #8308)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
412	<i>K. pneumoniae</i> (ATCC #9997)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
413	<i>K. pneumoniae</i> (ATCC #10031)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
414	<i>K. pneumoniae</i> (ATCC #11296)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
415	<i>K. pneumoniae</i> (ATCC #12657)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
416	<i>K. pneumoniae</i> (ATCC #13882)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
417	<i>K. pneumoniae</i> (ATCC #13883)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
418	<i>K. pneumoniae</i> (ATCC #27736)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
419	<i>K. pneumoniae</i> (ATCC #29665)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
420	<i>K. pneumoniae</i> (ATCC #33495)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
421	<i>K. pneumoniae</i> (ATCC #35555)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
422	<i>K. pneumoniae</i> (ATCC #35657)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
423	<i>K. pneumoniae</i> (ATCC #49472)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
424	<i>K. pneumoniae</i> (ATCC #51503)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
425	<i>K. pneumoniae</i> (ATCC #51504)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1

TABLE I (continued)

No.	Microorganism Species <i>Klebsiella pneumoniae</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
426	<i>K. pneumoniae</i> (CI - BSLI #081599Kp)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
427	<i>K. pneumoniae</i> (CI - BSLI #121699Kp)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
428	<i>K. pneumoniae</i> (CI - BSLI #121799Kp1)	19.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
429	<i>K. pneumoniae</i> (CI - BSLI #121799Kp2)	19.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
430	<i>K. pneumoniae</i> (CI - BSLI #121799Kp3)	19.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
431	<i>K. pneumoniae</i> subsp. <i>ozaenae</i> (CI - BSLI #010500Ko)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
432	<i>K. pneumoniae</i> (CI - BSLI #010500Kp1)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
433	<i>K. pneumoniae</i> (CI - BSLI #010500Kp2)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
434	<i>K. pneumoniae</i> (CI - BSLI #010500Kp3)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1
435	<i>K. pneumoniae</i> (CI - BSLI #013100Kp1)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
436	<i>K. pneumoniae</i> (CI - BSLI #013100Kp2)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
437	<i>K. pneumoniae</i> (CI - BSLI #040400Kpn1)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
438	<i>K. pneumoniae</i> (CI - BSLI #040400Kpn2)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
439	<i>K. pneumoniae</i> (CI - BSLI #040400Kpn3)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
440	<i>K. pneumoniae</i> (CI - BSLI #040400Kpn4)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
441	<i>K. pneumoniae</i> (CI - BSLI #040400Kpn5)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
442	<i>K. pneumoniae</i> (CI - BSLI #040400Kpn6)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
443	<i>K. pneumoniae</i> (CI - BSLI #040400Kpn7)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
444	<i>K. pneumoniae</i> (CI - BSLI #040400Kpn9)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
445	<i>K. pneumoniae</i> (CI - BSLI #040400Kpn11)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
446	<i>K. pneumoniae</i> (CI - BSLI #040400Kpn12)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
447	<i>K. pneumoniae</i> (CI - BSLI #040400Kpn13)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
448	<i>K. pneumoniae</i> (CI - BSLI #040400Kpn14)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
449	<i>K. pneumoniae</i> (CI - BSLI #040400Kpn15)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
450	<i>K. pneumoniae</i> (CI - BSLI #040400Kpn16)	20 hours	35° ± 2°C	TSB/TSA/MHB	1

CI = Clinical Isolate

TABLE I (continued)

No.	Microorganism Species <i>Micrococcus luteus</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
451	<i>M. luteus</i> (ATCC #147)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
452	<i>M. luteus</i> (ATCC #272)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
453	<i>M. luteus</i> (ATCC #379)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
454	<i>M. luteus</i> (ATCC #381)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
455	<i>M. luteus</i> (ATCC #382)	45.5 hours	35° ± 2°C	TSB/TSA/MHB	1
456	<i>M. luteus</i> (ATCC #383)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
457	<i>M. luteus</i> (ATCC #400)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
458	<i>M. luteus</i> (ATCC #533)	23.5 hours	35° ± 2°C	TSB/TSA/MHB	1
459	<i>M. luteus</i> (ATCC #540)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
460	<i>M. luteus</i> (ATCC #4698)	26 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
461	<i>M. luteus</i> (ATCC #7468)	26 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
462	<i>M. luteus</i> (ATCC #7468D)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
463	<i>M. luteus</i> (ATCC #9273)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
464	<i>M. luteus</i> (ATCC #9341)	23.5 hours	35° ± 2°C	TSB/TSA/MHB	1
465	<i>M. luteus</i> (ATCC #9341a)	23.5 hours	35° ± 2°C	TSB/TSA/MHB	1
466	<i>M. luteus</i> (ATCC #9622)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
467	<i>M. luteus</i> (ATCC #10054)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
468	<i>M. luteus</i> (ATCC #10240)	23.5 hours	35° ± 2°C	TSB/TSA/MHB	1
469	<i>M. luteus</i> (ATCC #10240a)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
470	<i>M. luteus</i> (ATCC #10240b)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
471	<i>M. luteus</i> (ATCC #14452)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
472	<i>M. luteus</i> (ATCC #15957)	23.5 hours	35° ± 2°C	TSB/TSA/MHB	1
473	<i>M. luteus</i> (ATCC #27523)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
474	<i>M. luteus</i> (ATCC #49442)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
475	<i>M. luteus</i> (ATCC #49732)	23.5 hours	35° ± 2°C	TSB/TSA/MHB	1

TABLE I (continued)

No.	Microorganism Species <i>Micrococcus</i> species	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
476	<i>M. luteus</i> (ATCC #12698)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
477	<i>M. luteus</i> (ATCC #13513)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
478	<i>M. luteus</i> (ATCC #15220)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
479	<i>M. luteus</i> (ATCC #15932)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
480	<i>M. lylae</i> (ATCC #27566)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
481	<i>M. lylae</i> (ATCC #27568)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
482	<i>M. lylae</i> (ATCC #27569)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
483	<i>Micrococcus</i> sp. (CI - BSLI #060700Ms1)	22 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
484	<i>Micrococcus</i> sp. (CI - BSLI #060700Ms2)	22 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
485	<i>Micrococcus</i> sp. (CI - BSLI #060700Ms3)	22 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
486	<i>Micrococcus</i> sp. (CI - BSLI #060700Ms4)	22 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
487	<i>Micrococcus</i> sp. (CI - BSLI #060700Ms5)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
488	<i>Micrococcus</i> sp. (CI - BSLI #060700Ms6)	22 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
489	<i>Micrococcus</i> sp. (CI - BSLI #060700Ms7)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
490	<i>Micrococcus</i> sp. (CI - BSLI #060700Ms8)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
491	<i>Micrococcus</i> sp. (CI - BSLI #060700Ms9)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
492	<i>Micrococcus</i> sp. (CI - BSLI #060700Ms10)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
493	<i>Micrococcus</i> sp. (CI - BSLI #060700Ms11)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
494	<i>Micrococcus</i> sp. (CI - BSLI #060700Ms12)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
495	<i>Micrococcus</i> sp. (CI - BSLI #060700Ms13)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
496	<i>Micrococcus</i> sp. (CI - BSLI #060700Ms14)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
497	<i>Micrococcus</i> sp. (CI - BSLI #060700Ms15)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
498	<i>Micrococcus</i> sp. (CI - BSLI #060700Ms16)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
499	<i>Micrococcus</i> sp. (CI - BSLI #070700Ms1)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
500	<i>Micrococcus</i> sp. (CI - BSLI #070700Ms2)	20 hours	35° ± 2°C	TSB/TSA/MHB	1

CI = Clinical Isolate

TABLE I (continued)

No.	Microorganism Species <i>Proteus mirabilis</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
501	<i>P. mirabilis</i> (ATCC #4630)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
502	<i>P. mirabilis</i> (ATCC #4675)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
503	<i>P. mirabilis</i> (ATCC #7002)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
504	<i>P. mirabilis</i> (ATCC #9240)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
505	<i>P. mirabilis</i> (ATCC #9921)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
506	<i>P. mirabilis</i> (ATCC #12453)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
507	<i>P. mirabilis</i> (ATCC #14153)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
508	<i>P. mirabilis</i> (ATCC #14273)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
509	<i>P. mirabilis</i> (ATCC #15363)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
510	<i>P. mirabilis</i> (ATCC #25933)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
511	<i>P. mirabilis</i> (ATCC #27035)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
512	<i>P. mirabilis</i> (ATCC #29245)	24.5 hours	35° ± 2°C	TSB/TSA/MHB	1
513	<i>P. mirabilis</i> (ATCC #29512)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
514	<i>P. mirabilis</i> (ATCC #29852)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
515	<i>P. mirabilis</i> (ATCC #29854)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
516	<i>P. mirabilis</i> (ATCC #29855)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
517	<i>P. mirabilis</i> (ATCC #29856)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
518	<i>P. mirabilis</i> (ATCC #29857)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
519	<i>P. mirabilis</i> (ATCC #29906)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
520	<i>P. mirabilis</i> (ATCC #33583)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
521	<i>P. mirabilis</i> (ATCC #35659)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
522	<i>P. mirabilis</i> (ATCC #43071)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
523	<i>P. mirabilis</i> (ATCC #49995)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
524	<i>P. mirabilis</i> (ATCC #51286)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
525	<i>P. mirabilis</i> (ATCC #51393)	20 hours	35° ± 2°C	TSB/TSA/MHB	1

TABLE I (continued)

No.	Microorganism Species <i>Proteus mirabilis</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
526	<i>P. mirabilis</i> (CI - BSLI #081299Pm)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
527	<i>P. mirabilis</i> (CI - BSLI #121699Pm1)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
528	<i>P. mirabilis</i> (CI - BSLI #121699Pm2)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
529	<i>P. mirabilis</i> (CI - BSLI #010500Pm)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
530	<i>P. mirabilis</i> (CI - BSLI #013100Pm)	23 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
531	<i>P. mirabilis</i> (CI - BSLI #033000Pm)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
532	<i>P. mirabilis</i> (CI - BSLI #050300Pm)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
533	<i>P. mirabilis</i> (CI - BSLI #062900Pm1)	22 hours	35° ± 2°C	TSB/TSA/MHB	1
534	<i>P. mirabilis</i> (CI - BSLI #062900Pm2)	22 hours	35° ± 2°C	TSB/TSA/MHB	1
535	<i>P. mirabilis</i> (CI - BSLI #062900Pm3)	22 hours	35° ± 2°C	TSB/TSA/MHB	1
536	<i>P. mirabilis</i> (CI - BSLI #062900Pm4)	22 hours	35° ± 2°C	TSB/TSA/MHB	1
537	<i>P. mirabilis</i> (CI - BSLI #062900Pm5)	22 hours	35° ± 2°C	TSB/TSA/MHB	1
538	<i>P. mirabilis</i> (CI - BSLI #062900Pm6)	22 hours	35° ± 2°C	TSB/TSA/MHB	1
539	<i>P. mirabilis</i> (CI - BSLI #062900Pm7)	22 hours	35° ± 2°C	TSB/TSA/MHB	1
540	<i>P. mirabilis</i> (CI - BSLI #062900Pm8)	22 hours	35° ± 2°C	TSB/TSA/MHB	1
541	<i>P. mirabilis</i> (CI - BSLI #062900Pm9)	22 hours	35° ± 2°C	TSB/TSA/MHB	1
542	<i>P. mirabilis</i> (CI - BSLI #062900Pm10)	22 hours	35° ± 2°C	TSB/TSA/MHB	1
543	<i>P. mirabilis</i> (CI - BSLI #062900Pm11)	22 hours	35° ± 2°C	TSB/TSA/MHB	1
544	<i>P. mirabilis</i> (CI - BSLI #062900Pm12)	22 hours	35° ± 2°C	TSB/TSA/MHB	1
545	<i>P. mirabilis</i> (CI - BSLI #062900Pm13)	22 hours	35° ± 2°C	TSB/TSA/MHB	1
546	<i>P. mirabilis</i> (CI - BSLI #062900Pm14)	22 hours	35° ± 2°C	TSB/TSA/MHB	1
547	<i>P. mirabilis</i> (CI - BSLI #062900Pm15)	22 hours	35° ± 2°C	TSB/TSA/MHB	1
548	<i>P. mirabilis</i> (CI - BSLI #062900Pm16)	22 hours	35° ± 2°C	TSB/TSA/MHB	1
549	<i>P. mirabilis</i> (CI - BSLI #062900Pm17)	22 hours	35° ± 2°C	TSB/TSA/MHB	1
550	<i>P. mirabilis</i> (CI - BSLI #062900Pm18)	22 hours	35° ± 2°C	TSB/TSA/MHB	1

CI = Clinical Isolate

TABLE I (continued)

No.	Microorganism Species <i>Pseudomonas aeruginosa</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
551	<i>P. aeruginosa</i> (ATCC #7700)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
552	<i>P. aeruginosa</i> (ATCC #9027)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
553	<i>P. aeruginosa</i> (ATCC #9721)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
554	<i>P. aeruginosa</i> (ATCC #10145)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
555	<i>P. aeruginosa</i> (ATCC #13388)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
556	<i>P. aeruginosa</i> (ATCC #14207)	20.25 & 24.5 hours*	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
557	<i>P. aeruginosa</i> (ATCC #14502)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
558	<i>P. aeruginosa</i> (ATCC #14885)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
559	<i>P. aeruginosa</i> (ATCC #15442)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
560	<i>P. aeruginosa</i> (ATCC #15692)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
561	<i>P. aeruginosa</i> (ATCC #17934)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
562	<i>P. aeruginosa</i> (ATCC #19429)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
563	<i>P. aeruginosa</i> (ATCC #19660)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
564	<i>P. aeruginosa</i> (ATCC #25619)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
565	<i>P. aeruginosa</i> (ATCC #27312)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
566	<i>P. aeruginosa</i> (ATCC #27313)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
567	<i>P. aeruginosa</i> (ATCC #27315)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
568	<i>P. aeruginosa</i> (ATCC #27853)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
569	<i>P. aeruginosa</i> (ATCC #29336)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
570	<i>P. aeruginosa</i> (ATCC #33584)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
571	<i>P. aeruginosa</i> (ATCC #35032)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
572	<i>P. aeruginosa</i> (ATCC #35422)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
573	<i>P. aeruginosa</i> (ATCC #35554)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
574	<i>P. aeruginosa</i> (ATCC #43088)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
575	<i>P. aeruginosa</i> (ATCC #51447)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1

* = Two test dates required to complete testing.

TABLE I (continued)

No.	Microorganism Species <i>Pseudomonas aeruginosa</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
576	<i>P. aeruginosa</i> (CI - BSLI #052299Pa)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
577	<i>P. aeruginosa</i> (CI - BSLI #053099Pa)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
578	<i>P. aeruginosa</i> (CI - BSLI #070199Pa)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
579	<i>P. aeruginosa</i> (CI - BSLI #121699Pa1)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
580	<i>P. aeruginosa</i> (CI - BSLI #121699Pa2)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
581	<i>P. aeruginosa</i> (CI - BSLI #121699Pa3)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
582	<i>P. aeruginosa</i> (CI - BSLI #010500Pa1)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1
583	<i>P. aeruginosa</i> (CI - BSLI #010500Pa2)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1
584	<i>P. aeruginosa</i> (CI - BSLI #013100Pa1)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
585	<i>P. aeruginosa</i> (CI - BSLI #013100Pa2)	23 hours	35° ± 2°C	TSB/TSA/MHB	1
586	<i>P. aeruginosa</i> (CI - BSLI #040400Pa1)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
587	<i>P. aeruginosa</i> (CI - BSLI #040400Pa2)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
588	<i>P. aeruginosa</i> (CI - BSLI #040400Pa3)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
589	<i>P. aeruginosa</i> (CI - BSLI #040400Pa4)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
590	<i>P. aeruginosa</i> (CI - BSLI #040400Pa5)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
591	<i>P. aeruginosa</i> (CI - BSLI #040400Pa6)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
592	<i>P. aeruginosa</i> (CI - BSLI #040400Pa7)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
593	<i>P. aeruginosa</i> (CI - BSLI #040400Pa8)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
594	<i>P. aeruginosa</i> (CI - BSLI #040400Pa9)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
595	<i>P. aeruginosa</i> (CI - BSLI #040400Pa10)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
596	<i>P. aeruginosa</i> (CI - BSLI #040400Pa13)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
597	<i>P. aeruginosa</i> (CI - BSLI #040400Pa14)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
598	<i>P. aeruginosa</i> (CI - BSLI #040400Pa15)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
599	<i>P. aeruginosa</i> (CI - BSLI #040400Pa16)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
600	<i>P. aeruginosa</i> (CI - BSLI #040400Pa17)	20 hours	35° ± 2°C	TSB/TSA/MHB	1

CI = Clinical Isolate

TABLE I (continued)

No.	Microorganism Species <i>Serratia marcescens</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
601	<i>S. marcescens</i> (ATCC #60)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
602	<i>S. marcescens</i> (ATCC #93)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
603	<i>S. marcescens</i> (ATCC #264)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
604	<i>S. marcescens</i> (ATCC #274)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
605	<i>S. marcescens</i> (ATCC #275)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
606	<i>S. marcescens</i> (ATCC #990)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
607	<i>S. marcescens</i> (ATCC #4002)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
608	<i>S. marcescens</i> (ATCC #4003)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
609	<i>S. marcescens</i> (ATCC #4180)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
610	<i>S. marcescens</i> (ATCC #6065)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
611	<i>S. marcescens</i> (ATCC #6911)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
612	<i>S. marcescens</i> (ATCC #7316)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
613	<i>S. marcescens</i> (ATCC #8100)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
614	<i>S. marcescens</i> (ATCC #8101)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
615	<i>S. marcescens</i> (ATCC #8195)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
616	<i>S. marcescens</i> (ATCC #9103)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
617	<i>S. marcescens</i> (ATCC #13880)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
618	<i>S. marcescens</i> (ATCC #14041)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
619	<i>S. marcescens</i> (ATCC #14756)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
620	<i>S. marcescens</i> (ATCC #29632)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
621	<i>S. marcescens</i> (ATCC #29633)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
622	<i>S. marcescens</i> (ATCC #29634)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
623	<i>S. marcescens</i> (ATCC #29635)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
624	<i>S. marcescens</i> (ATCC #43861)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
625	<i>S. marcescens</i> (ATCC #43862)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3

TABLE I (continued)

No.	Microorganism Species <i>Serratia marcescens</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
626	<i>S. marcescens</i> (CI - BSLI #081499Sm)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
627	<i>S. marcescens</i> (CI - BSLI #121799Sm1)	19.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
628	<i>S. marcescens</i> (CI - BSLI #121799Sm2)	19.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
629	<i>S. marcescens</i> (CI - BSLI #060700Sm1)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
630	<i>S. marcescens</i> (CI - BSLI #060700Sm2)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
631	<i>S. marcescens</i> (CI - BSLI #060700Sm3)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
632	<i>S. marcescens</i> (CI - BSLI #060700Sm4)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
633	<i>S. marcescens</i> (CI - BSLI #060700Sm5)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
634	<i>S. marcescens</i> (CI - BSLI #060700Sm6)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
635	<i>S. marcescens</i> (CI - BSLI #060700Sm7)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
636	<i>S. marcescens</i> (CI - BSLI #060700Sm8)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
637	<i>S. marcescens</i> (CI - BSLI #060700Sm9)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
638	<i>S. marcescens</i> (CI - BSLI #060700Sm10)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
639	<i>S. marcescens</i> (CI - BSLI #060700Sm11)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
640	<i>S. marcescens</i> (CI - BSLI #060700Sm12)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
641	<i>S. marcescens</i> (CI - BSLI #060700Sm13)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
642	<i>S. marcescens</i> (CI - BSLI #060700Sm14)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
643	<i>S. marcescens</i> (CI - BSLI #060700Sm15)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
644	<i>S. marcescens</i> (CI - BSLI #060700Sm16)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
645	<i>S. marcescens</i> (CI - BSLI #060700Sm17)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
646	<i>S. marcescens</i> (CI - BSLI #060700Sm18)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
647	<i>S. marcescens</i> (CI - BSLI #060700Sm19)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
648	<i>S. marcescens</i> (CI - BSLI #060700Sm20)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
649	<i>S. marcescens</i> (CI - BSLI #060700Sm21)	22 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
650	<i>S. marcescens</i> (CI - BSLI #060700Sm22)	22 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3

CI = Clinical Isolate

TABLE I (continued)

No.	Microorganism Species <i>Staphylococcus aureus</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
651	<i>S. aureus</i> (ATCC #6538)	19.75 hours	35° ± 2°C	TSB/TSA/MHB	1
652	<i>S. aureus</i> (ATCC #6538P)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
653	<i>S. aureus</i> (ATCC #10832)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
654	<i>S. aureus</i> (ATCC #11632)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
655	<i>S. aureus</i> (ATCC #12598)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
656	<i>S. aureus</i> (ATCC #12600)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
657	<i>S. aureus</i> (ATCC #13301)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
658	<i>S. aureus</i> (ATCC #25923)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
659	<i>S. aureus</i> (ATCC #27217)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
660	<i>S. aureus</i> (ATCC #29737)	23 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
661	<i>S. aureus</i> (ATCC #33862)	23 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
662	<i>S. aureus</i> (ATCC #27690)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
663	<i>S. aureus</i> (ATCC #27691)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
664	<i>S. aureus</i> (ATCC #27694)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
665	<i>S. aureus</i> (ATCC #29996)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
666	<i>S. aureus</i> (ATCC #27697)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
667	<i>S. aureus</i> (ATCC #27698)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
668	<i>S. aureus</i> (ATCC #29213)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
669	<i>S. aureus</i> (ATCC #33591)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
670	<i>S. aureus</i> (ATCC #33592)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
671	<i>S. aureus</i> (ATCC #33593)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
672	<i>S. aureus</i> (ATCC #43300)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1
673	<i>S. aureus</i> (ATCC #49444)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
674	<i>S. aureus</i> (ATCC #49476)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1
675	<i>S. aureus</i> (ATCC #51153)	20.75 hours	35° ± 2°C	TSB/TSA/MHB	1

TABLE I (continued)

No.	Microorganism Species <i>Staphylococcus aureus</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
676	<i>S. aureus</i> (CI - BSLI #051599MRSA)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
677	<i>S. aureus</i> (CI - BSLI #062799MRSA)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
678	<i>S. aureus</i> (CI - BSLI #060799MRSA)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
679	<i>S. aureus</i> (CI - BSLI #080599MRSA)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
680	<i>S. aureus</i> (CI - BSLI 071999MRSA)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
681	<i>S. aureus</i> (CI - BSLI #070499MRSA)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
682	<i>S. aureus</i> (CI - BSLI #072199MRSA)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
683	<i>S. aureus</i> (CI - BSLI #082594MRSA1)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
684	<i>S. aureus</i> (CI - BSLI #071499MRSA)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
685	<i>S. aureus</i> (CI - BSLI #082494MRSA2)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
686	<i>S. aureus</i> (CI - BSLI #121699Sa1)	19.5 hours	35° ± 2°C	TSB/TSA/MHB	1
687	<i>S. aureus</i> (CI - BSLI #121699Sa2)	19.5 hours	35° ± 2°C	TSB/TSA/MHB	1
688	<i>S. aureus</i> (CI - BSLI #121699Sa3)	19.5 hours	35° ± 2°C	TSB/TSA/MHB	1
689	<i>S. aureus</i> (CI - BSLI #121699Sa4)	19.5 hours	35° ± 2°C	TSB/TSA/MHB	1
690	<i>S. aureus</i> (CI - BSLI #040400Sa1)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
691	<i>S. aureus</i> (CI - BSLI #040400Sa2)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
692	<i>S. aureus</i> (CI - BSLI #040400Sa3)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
693	<i>S. aureus</i> (CI - BSLI #040400Sa4)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
694	<i>S. aureus</i> (CI - BSLI #040400Sa5)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
695	<i>S. aureus</i> (CI - BSLI #040400Sa6)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
696	<i>S. aureus</i> (CI - BSLI #040400Sa7)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
697	<i>S. aureus</i> (CI - BSLI #040400Sa8)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
698	<i>S. aureus</i> (CI - BSLI #040400Sa9)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
699	<i>S. aureus</i> (CI - BSLI #040400Sa10)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
700	<i>S. aureus</i> (CI - BSLI #040400Sa11)	20 hours	35° ± 2°C	TSB/TSA/MHB	1

CI = Clinical Isolate

TABLE I (continued)

No.	Microorganism Species <i>Staphylococcus epidermidis</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
701	<i>S. epidermidis</i> (ATCC #146)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
702	<i>S. epidermidis</i> (ATCC #9491)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
703	<i>S. epidermidis</i> (ATCC #12228)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
704	<i>S. epidermidis</i> (ATCC #13518)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
705	<i>S. epidermidis</i> (ATCC #14852)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
706	<i>S. epidermidis</i> (ATCC #14990)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
707	<i>S. epidermidis</i> (ATCC #19654)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
708	<i>S. epidermidis</i> (ATCC #29641)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
709	<i>S. epidermidis</i> (ATCC #29886)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
710	<i>S. epidermidis</i> (ATCC #29887)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
711	<i>S. epidermidis</i> (ATCC #29997)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
712	<i>S. epidermidis</i> (ATCC #31874)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
713	<i>S. epidermidis</i> (ATCC #33501)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
714	<i>S. epidermidis</i> (ATCC #35547)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
715	<i>S. epidermidis</i> (ATCC #35983)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
716	<i>S. epidermidis</i> (ATCC #35984)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
717	<i>S. epidermidis</i> (ATCC #49134)	24.5 hours	35° ± 2°C	TSB/TSA/MHB	1
718	<i>S. epidermidis</i> (ATCC #49461)	24.5 hours	35° ± 2°C	TSB/TSA/MHB	1
719	<i>S. epidermidis</i> (ATCC #49741)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
720	<i>S. epidermidis</i> (ATCC #51624)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
721	<i>S. epidermidis</i> (ATCC #51625)	21.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
722	<i>S. epidermidis</i> (ATCC #55133)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
723	<i>S. epidermidis</i> (CI - BSLI #102599VISE)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
724	<i>S. epidermidis</i> (CI - BSLI #121699Ssp1)	20 & 19.5 hours	35° ± 2°C	TSB/TSA/MHB	1*, 2*, 3*
725	<i>S. epidermidis</i> (CI - BSLI #010500Se1)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3

CI = Clinical Isolate

* = Inadvertently tested twice.

TABLE I (continued)

No.	Microorganism Species <i>Staphylococcus epidermidis</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
726	<i>S. epidermidis</i> (CI - BSLI #010500Se2)	22.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
727	<i>S. epidermidis</i> (CI - BSLI #013100Se)	23 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
728	<i>S. epidermidis</i> (CI - BSLI #042800Ssp2)	20 & 22 hours	35° ± 2°C	TSB/TSA/MHB	1**, 2**, 3**
729	<i>S. epidermidis</i> (CI - BSLI #042800Ssp3)	20 & 22 hours	35° ± 2°C	TSB/TSA/MHB	1**, 2, 3
730	<i>S. epidermidis</i> (CI - BSLI #060700Se1)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
731	<i>S. epidermidis</i> (CI - BSLI #060700Se2)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
732	<i>S. epidermidis</i> (CI - BSLI #060700Se3)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
733	<i>S. epidermidis</i> (CI - BSLI #060700Se4)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
734	<i>S. epidermidis</i> (CI - BSLI #060700Se5)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
735	<i>S. epidermidis</i> (CI - BSLI #060700Se6)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
736	<i>S. epidermidis</i> (CI - BSLI #060700Se7)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
737	<i>S. epidermidis</i> (CI - BSLI #060700Se8)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
738	<i>S. epidermidis</i> (CI - BSLI #060700Se9)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
739	<i>S. epidermidis</i> (CI - BSLI #060700Sh6)*	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
740	<i>S. epidermidis</i> (CI - BSLI #061700Se1)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
741	<i>S. epidermidis</i> (CI - BSLI #061700Se2)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
742	<i>S. epidermidis</i> (CI - BSLI #061700Se3)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
743	<i>S. epidermidis</i> (CI - BSLI #061700Se5)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
744	<i>S. epidermidis</i> (CI - BSLI #061700Se6)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
745	<i>S. epidermidis</i> (CI - BSLI #061700Se7)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
746	<i>S. epidermidis</i> (CI - BSLI #061700Se8)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
747	<i>S. epidermidis</i> (CI - BSLI #062900Se1)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
748	<i>S. epidermidis</i> (CI - BSLI #062900Se2)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
749	<i>S. epidermidis</i> (CI - BSLI #062900Se3)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
750	<i>S. epidermidis</i> (CI - BSLI #062900Se4)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1

CI = Clinical Isolate

* = Identified as *S. haemolyticus* by sender (MRL) but identified by WMC as *S. epidermidis*.

** = Inadvertently tested twice.

TABLE 1 (continued)

No.	Microorganism Species <i>Staphylococcus haemolyticus</i> and Coagulase-negative Staph	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
751	<i>S. haemolyticus</i> (ATCC #15796)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
752	<i>S. haemolyticus</i> (ATCC #29968)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
753	<i>S. haemolyticus</i> (ATCC #29969)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
754	<i>S. haemolyticus</i> (ATCC #29970)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
755	<i>S. haemolyticus</i> (ATCC #43252)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
756	<i>S. haemolyticus</i> (ATCC #43253)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
757	<i>S. auricularis</i> (CI - BSLI #062900Sar)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
758	<i>S. auricularis</i> (CI - BSLI #070700Ssp16)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
759	<i>S. capitis</i> (CI - BSLI #121699Ssp4)	20 & 19.5 hours	35° ± 2°C	TSB/TSA/MHB	1**, 2**, 3**
760	<i>S. capitis</i> (CI - BSLI #061700Se4)*	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
761	<i>S. haemolyticus</i> (CI - BSLI #060700Sh1)	22 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
762	<i>S. haemolyticus</i> (CI - BSLI #060700Sh2)	22 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
763	<i>S. haemolyticus</i> (CI - BSLI #060700Sh4)	22 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
764	<i>S. haemolyticus</i> (CI - BSLI #060700Sh5)	22 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
765	<i>S. haemolyticus</i> (CI - BSLI #060700Sh7)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
766	<i>S. haemolyticus</i> (CI - BSLI #060700Sh8)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
767	<i>S. haemolyticus</i> (CI - BSLI #060700Sh9)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
768	<i>S. haemolyticus</i> (CI - BSLI #060700Sh10)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
769	<i>S. haemolyticus</i> (CI - BSLI #060700Sh11)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
770	<i>S. haemolyticus</i> (CI - BSLI #060700Sha1)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
771	<i>S. haemolyticus</i> (CI - BSLI #060700Sha2)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
772	<i>S. haemolyticus</i> (CI - BSLI #060700Sha4)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
773	<i>S. haemolyticus</i> (CI - BSLI #060700Sha5)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
774	<i>S. haemolyticus</i> (CI - BSLI #060700Sha6)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
775	<i>S. haemolyticus</i> (CI - BSLI #060700Sha7)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1

CI = Clinical Isolate

* = Identified as *S. epidermidis* by sender (MRL), but identified by WMC as *S. capitis*.

** = Inadvertently tested twice.

TABLE I (continued)

No.	Microorganism Species <i>Staphylococcus haemolyticus</i> and Coagulase-negative Staph	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
776	<i>S. haemolyticus</i> (CI - BSLI #060700Sha8)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
777	<i>S. haemolyticus</i> (CI - BSLI #060700Sha9)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
778	<i>S. haemolyticus</i> (CI - BSLI #060700Sha10)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
779	<i>S. haemolyticus</i> (CI - BSLI #060700Sha11)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
780	<i>S. haemolyticus</i> (CI - BSLI #060700Sha12)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
781	<i>S. haemolyticus</i> (CI - BSLI #060700Sha13)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
782	<i>S. haemolyticus</i> (CI - BSLI #060700Sha14)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
783	<i>S. haemolyticus</i> (CI - BSLI #060700Sha15)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
784	<i>S. haemolyticus</i> (CI - BSLI #060700Sha16)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
785	<i>S. haemolyticus</i> (CI - BSLI #061700Sha1)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
786	<i>S. haemolyticus</i> (CI - BSLI #061700Sha2)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
787	<i>S. haemolyticus</i> (CI - BSLI #061700Sha3)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
788	<i>S. haemolyticus</i> (CI - BSLI #061700Sha4)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
789	<i>S. haemolyticus</i> (CI - BSLI #061700Sha5)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
790	<i>S. haemolyticus</i> (CI - BSLI #061700Sha6)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
791	<i>S. haemolyticus</i> (CI - BSLI #061700Sha7)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
792	<i>S. haemolyticus</i> (CI - BSLI #061700Sha8)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
793	<i>S. haemolyticus</i> (CI - BSLI #061700Sha9)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
794	<i>S. haemolyticus</i> (CI - BSLI #061700Sha10)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
795	<i>S. haemolyticus</i> (CI - BSLI #062900Sha)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
796	<i>S. haemolyticus</i> (CI - BSLI #070700Ssp14)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
797	<i>S. sciuri</i> (CI - BSLI #121699Ss2)***	19.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
798	<i>S. sciuri</i> (CI - BSLI #062900Ssc)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
799	<i>S. sciuri</i> (CI - BSLI #062900Ssi3)****	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
800	Coagulase-neg.* (CI - BSLI #121699Ssp3)	20 & 19.5 hours	35° ± 2°C	TSB/TSA/MHB	1**, 2**, 3**

CI = Clinical Isolate

* = Coagulase-negative *Staphylococcus* spp.

** = Inadvertently tested twice.

*** = Identified as *S. saprophyticus* by sender (UW/HMC), but identified by WMC as *S. sciuri*.

**** = Identified from clinical source as *S. simulans* by sender (WMC), but later identified from pure culture as *S. sciuri* by WMC.

TABLE I (continued)

No.	Microorganism Species <i>Staphylococcus hominis</i> and Coagulase-negative Staph	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
801	<i>S. hominis</i> (ATCC #25615)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
802	<i>S. hominis</i> (ATCC #27844)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
803	<i>S. hominis</i> (ATCC #27845)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
804	<i>S. hominis</i> (ATCC #27846)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
805	<i>S. hominis</i> (ATCC #27847)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
806	<i>S. hominis</i> (ATCC #29885)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
807	<i>S. hominis</i> (ATCC #35981)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
808	<i>S. hominis</i> (ATCC #35982)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
809	<i>S. epidermidis</i> (CI - BSLI #061700Se10)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
810	<i>S. epidermidis</i> (CI - BSLI #061700Se12)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
811	<i>S. epidermidis</i> (CI - BSLI #061700Se13)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
812	<i>S. epidermidis</i> (CI - BSLI #061700Se14)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
813	<i>S. epidermidis</i> (CI - BSLI #061700Se15)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
814	<i>S. epidermidis</i> (CI - BSLI #061700Se16)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
815	<i>S. epidermidis</i> (CI - BSLI #061700Se17)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
816	<i>S. epidermidis</i> (CI - BSLI #061700Se18)	20.25 hours	35° ± 2°C	TSB/TSA/MHB	1
817	<i>S. epidermidis</i> (CI - BSLI #062900Se5)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
818	<i>S. epidermidis</i> (CI - BSLI #062900Se6)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
819	<i>S. epidermidis</i> (CI - BSLI #070700Ssp1)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
820	<i>S. epidermidis</i> (CI - BSLI #070700Ssp2)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
821	<i>S. epidermidis</i> (CI - BSLI #070700Ssp3)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
822	<i>S. epidermidis</i> (CI - BSLI #070700Ssp5)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
823	<i>S. epidermidis</i> (CI - BSLI #070700Ssp6)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
824	<i>S. epidermidis</i> (CI - BSLI #070700Ssp8)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
825	<i>S. epidermidis</i> (CI - BSLI #070700Ssp9)	20 hours	35° ± 2°C	TSB/TSA/MHB	1

CI = Clinical Isolate

TABLE I (continued)

No.	Microorganism Species <i>Staphylococcus hominis</i> and Coagulase-negative Staph	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
826	<i>S. epidermidis</i> (CI - BSLI #070700Ssp10)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
827	<i>S. epidermidis</i> (CI - BSLI #070700Ssp11)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
828	<i>S. epidermidis</i> (CI - BSLI #070700Ssp12)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
829	<i>S. epidermidis</i> (CI - BSLI #070700Ssp13)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
830	<i>S. epidermidis</i> (CI - BSLI #070700Ssp17)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
831	<i>S. epidermidis</i> (CI - BSLI #070700Ssp18)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
832	<i>S. hominis</i> (CI - BSLI #060700Sh3)***	22 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
833	<i>S. hominis</i> (CI - BSLI #060700Sho2)	20 & 20.5 hours	35° ± 2°C	TSB/TSA/MHB	1**, 2, 3
834	<i>S. hominis</i> (CI - BSLI #060700Sho3)	20 & 20.5 hours	35° ± 2°C	TSB/TSA/MHB	1**, 2, 3
835	<i>S. hominis</i> (CI - BSLI #060700Sho4)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
836	<i>S. hominis</i> (CI - BSLI #060700Sho5)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
837	<i>S. hominis</i> (CI - BSLI #060700Sho6)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
838	<i>S. hominis</i> (CI - BSLI #060700Sho7)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
839	<i>S. hominis</i> (CI - BSLI #060700Sho8)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
840	<i>S. hominis</i> (CI - BSLI #060700Sho9)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
841	<i>S. hominis</i> (CI - BSLI #062900Ssp)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
842	<i>S. hominis</i> (CI - BSLI #070700Ssp7)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
843	<i>S. hominis</i> (CI - BSLI #070700Ssp15)	20 hours	35° ± 2°C	TSB/TSA/MHB	1
844	<i>S. simulans</i> (CI - BSLI #121699Ssp2)	20 & 19.5 hours	35° ± 2°C	TSB/TSA/MHB	1**, 2**, 3**
845	<i>S. simulans</i> (CI - BSLI #013100Ss)	23 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
846	<i>S. simulans</i> (CI - BSLI #060700Ss25)****	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
847	<i>S. simulans</i> (CI - BSLI #062900Ssi1)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
848	<i>S. simulans</i> (CI - BSLI #062900Ssi2)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
849	<i>S. simulans</i> (CI - BSLI #062900Ssi4)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
850	Coagulase-neg.* (CI - BSLI #070700Ssp4)	20 hours	35° ± 2°C	TSB/TSA/MHB	1

CI = Clinical Isolate

* = Coagulase-negative *Staphylococcus* spp.

** = Inadvertently tested twice.

*** = Identified as *S. haemolyticus* by sender (MRL), but identified by WMC as *S. hominis*.

**** = Identified as *S. saprophyticus* by sender (MRL), but identified by WMC as *S. simulans*.

TABLE I (continued)

No.	Microorganism Species <i>Staphylococcus saprophyticus</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
851	<i>S. saprophyticus</i> (ATCC #15305)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
852	<i>S. saprophyticus</i> (ATCC #35552)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
853	<i>S. saprophyticus</i> (ATCC #43867)	20 & 20.25 hours*	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
854	<i>S. saprophyticus</i> (ATCC #49453)	24.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
855	<i>S. saprophyticus</i> (ATCC #49907)	20 & 20.25 hours*	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
856	<i>S. saprophyticus</i> (CI - BSLI #081399Ss)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
857	<i>S. saprophyticus</i> (CI - BSLI #021000Ss1)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
858	<i>S. saprophyticus</i> (CI - BSLI #021000Ss2)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
859	<i>S. saprophyticus</i> (CI - BSLI #021000Ss3)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3
860	<i>S. saprophyticus</i> (CI - BSLI #042800Ssp1)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
861	<i>S. saprophyticus</i> (CI - BSLI #060700Ss1)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
862	<i>S. saprophyticus</i> (CI - BSLI #060700Ss2)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
863	<i>S. saprophyticus</i> (CI - BSLI #060700Ss3)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
864	<i>S. saprophyticus</i> (CI - BSLI #060700Ss4)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
865	<i>S. saprophyticus</i> (CI - BSLI #060700Ss5)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
866	<i>S. saprophyticus</i> (CI - BSLI #060700Ss6)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
867	<i>S. saprophyticus</i> (CI - BSLI #060700Ss7)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
868	<i>S. saprophyticus</i> (CI - BSLI #060700Ss8)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
869	<i>S. saprophyticus</i> (CI - BSLI #060700Ss9)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
870	<i>S. saprophyticus</i> (CI - BSLI #060700Ss10)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
871	<i>S. saprophyticus</i> (CI - BSLI #060700Ss11)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
872	<i>S. saprophyticus</i> (CI - BSLI #060700Ss12)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
873	<i>S. saprophyticus</i> (CI - BSLI #060700Ss13)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
874	<i>S. saprophyticus</i> (CI - BSLI #060700Ss14)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
875	<i>S. saprophyticus</i> (CI - BSLI #060700Ss15)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1

CI = Clinical Isolate

* = Two test dates required to complete testing.

TABLE I (continued)

No.	Microorganism Species <i>Staphylococcus saprophyticus</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
876	<i>S. saprophyticus</i> (CI - BSLI #060700Ss16)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
877	<i>S. saprophyticus</i> (CI - BSLI #060700Ss17)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
878	<i>S. saprophyticus</i> (CI - BSLI #060700Ss18)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
879	<i>S. saprophyticus</i> (CI - BSLI #060700Ss19)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
880	<i>S. saprophyticus</i> (CI - BSLI #060700Ss20)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
881	<i>S. saprophyticus</i> (CI - BSLI #060700Ss21)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
882	<i>S. saprophyticus</i> (CI - BSLI #060700Ss22)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
883	<i>S. saprophyticus</i> (CI - BSLI #060700Ss23)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
884	<i>S. saprophyticus</i> (CI - BSLI #060700Ss24)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
885	<i>S. saprophyticus</i> (CI - BSLI #060700Ss26)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
886	<i>S. saprophyticus</i> (CI - BSLI #060700Ss27)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
887	<i>S. saprophyticus</i> (CI - BSLI #061700Ss1)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
888	<i>S. saprophyticus</i> (CI - BSLI #061700Ss2)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
889	<i>S. saprophyticus</i> (CI - BSLI #061700Ss3)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
890	<i>S. saprophyticus</i> (CI - BSLI #061700Ss4)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
891	<i>S. saprophyticus</i> (CI - BSLI #061700Ss5)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
892	<i>S. saprophyticus</i> (CI - BSLI #061700Ss6)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
893	<i>S. saprophyticus</i> (CI - BSLI #061700Ss7)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
894	<i>S. saprophyticus</i> (CI - BSLI #061700Ss8)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
895	<i>S. saprophyticus</i> (CI - BSLI #061700Ss9)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
896	<i>S. saprophyticus</i> (CI - BSLI #061700Ss10)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
897	<i>S. saprophyticus</i> (CI - BSLI #061700Ss11)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2 , 3
898	<i>S. saprophyticus</i> (CI - BSLI #062900Ss)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
899	<i>S. saprophyticus</i> (CI - BSLI #070700Ss1)	20.5 hours	35° ± 2°C	TSB/TSA/MHB	1
900	<i>S. saprophyticus</i> (CI - BSLI #070700Ss2)	20 hours	35° ± 2°C	TSB/TSA/MHB	1, 2, 3

CI = Clinical Isolate

TABLE I (continued)

No.	Microorganism Species <i>Streptococcus pneumoniae</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
901	<i>S. pneumoniae</i> (ATCC #6301)	23.5 hours	35° ± 2°C	SBA/CAMHB-B	1
902	<i>S. pneumoniae</i> (ATCC #6302)	23.5 hours	35° ± 2°C	SBA/CAMHB-B	1
903	<i>S. pneumoniae</i> (ATCC #6303)	20 hours	35° ± 2°C	SBA/CAMHB-B	1, 2, 3
904	<i>S. pneumoniae</i> (ATCC #6304)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
905	<i>S. pneumoniae</i> (ATCC #6305)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
906	<i>S. pneumoniae</i> (ATCC #6306)	23.5 hours	35° ± 2°C	SBA/CAMHB-B	1
907	<i>S. pneumoniae</i> (ATCC #6307)	23.5 hours	35° ± 2°C	SBA/CAMHB-B	1
908	<i>S. pneumoniae</i> (ATCC #6308)	23.5 hours	35° ± 2°C	SBA/CAMHB-B	1
909	<i>S. pneumoniae</i> (ATCC #6309)	23.5 hours	35° ± 2°C	SBA/CAMHB-B	1
910	<i>S. pneumoniae</i> (ATCC #6310)	23.5 hours	35° ± 2°C	SBA/CAMHB-B	1
911	<i>S. pneumoniae</i> (ATCC #6311)	23.5 hours	35° ± 2°C	SBA/CAMHB-B	1
912	<i>S. pneumoniae</i> (ATCC #6314)	23.5 hours	35° ± 2°C	SBA/CAMHB-B	1
913	<i>S. pneumoniae</i> (ATCC #9163)	23.5 hours	35° ± 2°C	SBA/CAMHB-B	1, 2, 3
914	<i>S. pneumoniae</i> (ATCC #10015)	20 hours	35° ± 2°C	SBA/CAMHB-B	1, 2, 3
915	<i>S. pneumoniae</i> (ATCC #10813)	23.5 hours	35° ± 2°C	SBA/CAMHB-B	1
916	<i>S. pneumoniae</i> (ATCC #11733)	23.5 hours	35° ± 2°C	SBA/CAMHB-B	1
917	<i>S. pneumoniae</i> (ATCC #12213)	23.5 hours	35° ± 2°C	SBA/CAMHB-B	1
918	<i>S. pneumoniae</i> (ATCC #27336)	23.5 hours	35° ± 2°C	SBA/CAMHB-B	1
919	<i>S. pneumoniae</i> (ATCC #29514)	23.5 hours	35° ± 2°C	SBA/CAMHB-B	1
920	<i>S. pneumoniae</i> (ATCC #33400)	20 hours	35° ± 2°C	SBA/CAMHB-B	1, 2, 3
921	<i>S. pneumoniae</i> (ATCC #35088)	20 hours	35° ± 2°C	SBA/CAMHB-B	1, 2, 3
922	<i>S. pneumoniae</i> (ATCC #49136)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
923	<i>S. pneumoniae</i> (ATCC #49150)	23.5 hours	35° ± 2°C	SBA/CAMHB-B	1
924	<i>S. pneumoniae</i> (ATCC #49619)	23.5 hours	35° ± 2°C	SBA/CAMHB-B	1
925	<i>S. pneumoniae</i> (ATCC #51422)	20 hours	35° ± 2°C	SBA/CAMHB-B	1

TABLE I (continued)

No.	Microorganism Species <i>Streptococcus pneumoniae</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
926	<i>S. pneumoniae</i> (ATCC #6315)	17.75 hours	35° ± 2°C	SBA/CAMHB-B	1
927	<i>S. pneumoniae</i> (ATCC #6317)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
928	<i>S. pneumoniae</i> (ATCC #39322)	17.75 hours	35° ± 2°C	SBA/CAMHB-B	1
929	<i>S. pneumoniae</i> (CI - BSLI #121699Spn1)	24.5 hours	35° ± 2°C	SBA/CAMHB-B	1, 2, 3
930	<i>S. pneumoniae</i> (CI - BSLI #062900Spn1)	17.75 hours	35° ± 2°C	SBA/CAMHB-B	1
931	<i>S. pneumoniae</i> (CI - BSLI #062900Spn2)	20 hours	35° ± 2°C	SBA/CAMHB-B	1, 2, 3
932	<i>S. pneumoniae</i> (CI - BSLI #062900Spn3)	20 hours	35° ± 2°C	SBA/CAMHB-B	1, 2, 3
933	<i>S. pneumoniae</i> (CI - BSLI #062900Spn4)	20 hours	35° ± 2°C	SBA/CAMHB-B	1, 2, 3
934	<i>S. pneumoniae</i> (CI - BSLI #062900Spn5)	20 hours	35° ± 2°C	SBA/CAMHB-B	1, 2, 3
935	<i>S. pneumoniae</i> (CI - BSLI #062900Spn6)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
936	<i>S. pneumoniae</i> (CI - BSLI #062900Spn7)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
937	<i>S. pneumoniae</i> (CI - BSLI #062900Spn9)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
938	<i>S. pneumoniae</i> (CI - BSLI #062900Spn10)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
939	<i>S. pneumoniae</i> (CI - BSLI #062900Spn12)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
940	<i>S. pneumoniae</i> (CI - BSLI #062900Spn13)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
941	<i>S. pneumoniae</i> (CI - BSLI #062900Spn15)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
942	<i>S. pneumoniae</i> (CI - BSLI #062900Spn18)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
943	<i>S. pneumoniae</i> (CI - BSLI #062900Spn19)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
944	<i>S. pneumoniae</i> (CI - BSLI #062900Spn20)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
945	<i>S. pneumoniae</i> (CI - BSLI #062900Spn21)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
946	<i>S. pneumoniae</i> (CI - BSLI #062900Spn22)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
947	<i>S. pneumoniae</i> (CI - BSLI #062900Spn23)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
948	<i>S. pneumoniae</i> (CI - BSLI #080100Spn3)	20 hours	35° ± 2°C	SBA/CAMHB-B	1
949	<i>S. pneumoniae</i> (CI - BSLI #081700Spn1)	20.25 hours	35° ± 2°C	SBA/CAMHB-B	1
950	<i>S. pneumoniae</i> (CI - BSLI #081700Spn5)	22 hours	35° ± 2°C	SBA/CAMHB-B	1

CI = Clinical Isolate

TABLE I (continued)

No.	Microorganism Species <i>Streptococcus pyogenes</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
951	<i>S. pyogenes</i> (ATCC #4543)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
952	<i>S. pyogenes</i> (ATCC #8058)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1, 2, 3
953	<i>S. pyogenes</i> (ATCC #8668)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
954	<i>S. pyogenes</i> (ATCC #8669)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
955	<i>S. pyogenes</i> (ATCC #8670)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
956	<i>S. pyogenes</i> (ATCC #10389)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
957	<i>S. pyogenes</i> (ATCC #12202)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
958	<i>S. pyogenes</i> (ATCC #12203)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
959	<i>S. pyogenes</i> (ATCC #12204)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
960	<i>S. pyogenes</i> (ATCC #12344)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
961	<i>S. pyogenes</i> (ATCC #12351)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1, 2, 3
962	<i>S. pyogenes</i> (ATCC #12384)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
963	<i>S. pyogenes</i> (ATCC #12385)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
964	<i>S. pyogenes</i> (ATCC #14289)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1, 2, 3
965	<i>S. pyogenes</i> (ATCC #14918)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
966	<i>S. pyogenes</i> (ATCC #14919)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
967	<i>S. pyogenes</i> (ATCC #19615)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1, 2, 3
968	<i>S. pyogenes</i> (ATCC #27762)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
969	<i>S. pyogenes</i> (ATCC #49117)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
970	<i>S. pyogenes</i> (ATCC #49399)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
971	<i>S. pyogenes</i> (ATCC #51339)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1, 2, 3
972	<i>S. pyogenes</i> (ATCC #21059)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
973	<i>S. pyogenes</i> (ATCC #51574)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
974	<i>S. pyogenes</i> (ATCC #51877)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
975	<i>S. pyogenes</i> (ATCC #51878)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1

TABLE I (continued)

No.	Microorganism Species <i>Streptococcus pyogenes</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
976	<i>S. pyogenes</i> (CI - BSLI #121699Spy1)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1, 2, 3
977	<i>S. pyogenes</i> (CI - BSLI #121699Spy2)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1, 2, 3
978	<i>S. pyogenes</i> (CI - BSLI #121699Spy3)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1, 2, 3
979	<i>S. pyogenes</i> (CI - BSLI #121699Spy4)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1, 2, 3
980	<i>S. pyogenes</i> (CI - BSLI #121699Spy5)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1, 2, 3
981	<i>S. pyogenes</i> (CI - BSLI #040400Spy1)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
982	<i>S. pyogenes</i> (CI - BSLI #040400Spy2)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
983	<i>S. pyogenes</i> (CI - BSLI #040400Spy3)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
984	<i>S. pyogenes</i> (CI - BSLI #040400Spy4)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
985	<i>S. pyogenes</i> (CI - BSLI #040400Spy5)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
986	<i>S. pyogenes</i> (CI - BSLI #040400Spy6)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
987	<i>S. pyogenes</i> (CI - BSLI #040400Spy8)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
988	<i>S. pyogenes</i> (CI - BSLI #040400Spy9)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
989	<i>S. pyogenes</i> (CI - BSLI #040400Spy10)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
990	<i>S. pyogenes</i> (CI - BSLI #040400Spy11)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
991	<i>S. pyogenes</i> (CI - BSLI #040400Spy12)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
992	<i>S. pyogenes</i> (CI - BSLI #040400Spy13)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
993	<i>S. pyogenes</i> (CI - BSLI #040400Spy14)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
994	<i>S. pyogenes</i> (CI - BSLI #040400Spy15)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
995	<i>S. pyogenes</i> (CI - BSLI #040400Spy16)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
996	<i>S. pyogenes</i> (CI - BSLI #040400Spy17)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
997	<i>S. pyogenes</i> (CI - BSLI #040400Spy18)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
998	<i>S. pyogenes</i> (CI - BSLI #040400Spy19)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
999	<i>S. pyogenes</i> (CI - BSLI #040400Spy20)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1
1000	<i>S. pyogenes</i> (CI - BSLI #040400Spy21)	20 hours	35° ± 2°C	BHIB/BHIA/CAMHB-B	1

CI = Clinical Isolate

TABLE I (continued)

No.	Microorganism Species <i>Candida</i> species	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
1001	<i>C. glabrata</i> (ATCC #2001)	24.5 hours	35° ± 2°C	TSB/SDA/MHB	1, 2, 3
1002	<i>C. glabrata</i> (ATCC #15545)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1003	<i>C. glabrata</i> (ATCC #32554)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1004	<i>C. glabrata</i> (ATCC #66032)	24.5 hours	35° ± 2°C	TSB/SDA/MHB	1
1005	<i>C. guilliermondii</i> (ATCC #6260)	20 hours	35° ± 2°C	TSB/SDA/MHB	1, 2, 3
1006	<i>C. guilliermondii</i> (ATCC #34134)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1007	<i>C. guilliermondii</i> (ATCC #56822)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1008	<i>C. krusei</i> (ATCC #6258)	20 hours	35° ± 2°C	TSB/SDA/MHB	1, 2, 3
1009	<i>C. krusei</i> (ATCC #14243)	24.5 hours	35° ± 2°C	TSB/SDA/MHB	1
1010	<i>C. krusei</i> (ATCC #34135)	20 hours*	35° ± 2°C	TSB/SDA/MHB	1**
1011	<i>C. krusei</i> (ATCC #44507)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1012	<i>C. lusitaniae</i> (ATCC #42720)	20 hours	35° ± 2°C	TSB/SDA/MHB	1, 2, 3
1013	<i>C. lusitaniae</i> (ATCC #64125)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1014	<i>C. lusitaniae</i> (ATCC #66035)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1015	<i>C. parapsilosis</i> (ATCC #7330)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1016	<i>C. parapsilosis</i> (ATCC #22019)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1017	<i>C. parapsilosis</i> (ATCC #60548)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1018	<i>C. tropicalis</i> (ATCC #750)	19.75 hours	35° ± 2°C	TSB/SDA/MHB	1, 2, 3
1019	<i>C. tropicalis</i> (ATCC #13803)	24.5 hours	35° ± 2°C	TSB/SDA/MHB	1
1020	<i>C. tropicalis</i> (ATCC #14056)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1021	<i>C. tropicalis</i> (ATCC #18526)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1022	<i>C. tropicalis</i> (ATCC #34139)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1023	<i>C. kefyr</i> (ATCC #2512)	23 hours	35° ± 2°C	TSB/SDA/MHB	1, 2, 3
1024	<i>C. kefyr</i> (ATCC #66028)	23 hours	35° ± 2°C	TSB/SDA/MHB	1, 2, 3
1025	<i>C. tropicalis</i> (ATCC #66029)	24.5 hours	35° ± 2°C	TSB/SDA/MHB	1

* = Incubation time was same for both test dates.

** = Inadvertently tested twice.

TABLE I (continued)

No.	Microorganism Species <i>Candida</i> species	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
1026	<i>C. glabrata</i> (CI - BSLI #121699Cg)	20.5 hours	35° ± 2°C	TSB/SDA/MHB	1, 2, 3
1027	<i>C. glabrata</i> (CI - BSLI #121799Cg1)	20 hours	35° ± 2°C	TSB/SDA/MHB	1, 2, 3
1028	<i>C. glabrata</i> (CI - BSLI #121799Cg2)	20 hours	35° ± 2°C	TSB/SDA/MHB	1, 2, 3
1029	<i>C. glabrata</i> (CI - BSLI #121799Cg3)	90.25 hours	35° ± 2°C	TSB/SDA/MHB	1, 2, 3
1030	<i>C. glabrata</i> (CI - BSLI #040400Cgl1)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1031	<i>C. glabrata</i> (CI - BSLI #040400Cgl2)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1032	<i>C. glabrata</i> (CI - BSLI #040400Cgl3)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1033	<i>C. glabrata</i> (CI - BSLI #040400Cgl4)	20 hours*	35° ± 2°C	TSB/SDA/MHB	1**
1034	<i>C. glabrata</i> (CI - BSLI #040400Cgl5)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1035	<i>C. glabrata</i> (CI - BSLI #040400Cgl6)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1036	<i>C. glabrata</i> (CI - BSLI #040400Cgl7)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1037	<i>C. glabrata</i> (CI - BSLI #040400Cgl8)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1038	<i>C. glabrata</i> (CI - BSLI #040400Cgl9)	20.25 hours	35° ± 2°C	TSB/SDA/MHB	1
1039	<i>C. glabrata</i> (CI - BSLI #040400Cgl10)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1040	<i>C. glabrata</i> (CI - BSLI #040400Cgl11)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1041	<i>C. glabrata</i> (CI - BSLI #040400Cgl12)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1042	<i>C. glabrata</i> (CI - BSLI #040400Cgl13)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1043	<i>C. parapsilosis</i> (CI - BSLI #040400Cp1)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1044	<i>C. parapsilosis</i> (CI - BSLI #040400Cp2)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1045	<i>C. parapsilosis</i> (CI - BSLI #040400Cp3)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1046	<i>C. parapsilosis</i> (CI - BSLI #040400Cp4)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1047	<i>C. parapsilosis</i> (CI - BSLI #040400Cp5)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1048	<i>C. parapsilosis</i> (CI - BSLI #040400Cp6)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1049	<i>C. parapsilosis</i> (CI - BSLI #040400Cp7)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1050	<i>C. tropicalis</i> (CI - BSLI #121799Ct)	20 hours	35° ± 2°C	TSB/SDA/MHB	1, 2, 3

CI = Clinical Isolate

* = Incubation time was same for both test dates.

** = Inadvertently tested twice.

TABLE I (continued)

No.	Microorganism Species <i>Candida albicans</i>	Incubation Time (MIC Tubes Only)	Incubation Temperature (MIC Tubes Only)	Media	Test Product Assignment
1051	<i>C. albicans</i> (ATCC #2091)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1052	<i>C. albicans</i> (ATCC #10231)	19.75 hours	35° ± 2°C	TSB/SDA/MHB	1, 2, 3
1053	<i>C. albicans</i> (ATCC #10259)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1054	<i>C. albicans</i> (ATCC #11006)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1055	<i>C. albicans</i> (ATCC #11651)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1056	<i>C. albicans</i> (ATCC #14053)	24.5 hours	35° ± 2°C	TSB/SDA/MHB	1, 2, 3
1057	<i>C. albicans</i> (ATCC #18527)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1058	<i>C. albicans</i> (ATCC #18804)	20 hours	35° ± 2°C	TSB/SDA/MHB	1, 2, 3
1059	<i>C. albicans</i> (ATCC #24433)	24.5 hours	35° ± 2°C	TSB/SDA/MHB	1, 2, 3
1060	<i>C. albicans</i> (ATCC #26310)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1061	<i>C. albicans</i> (ATCC #26555)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1062	<i>C. albicans</i> (ATCC #26790)	24.5 hours	35° ± 2°C	TSB/SDA/MHB	1
1063	<i>C. albicans</i> (ATCC #28366)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1064	<i>C. albicans</i> (ATCC #28516)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1065	<i>C. albicans</i> (ATCC #32470)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1066	<i>C. albicans</i> (ATCC #36232)	20 hours	35° ± 2°C	TSB/SDA/MHB	1, 2, 3
1067	<i>C. albicans</i> (ATCC #38289)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1068	<i>C. albicans</i> (ATCC #60193)	24.5 hours	35° ± 2°C	TSB/SDA/MHB	1
1069	<i>C. albicans</i> (ATCC #62377)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1070	<i>C. albicans</i> (ATCC #64544)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1071	<i>C. albicans</i> (ATCC #64546)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1072	<i>C. albicans</i> (ATCC #64548)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1073	<i>C. albicans</i> (ATCC #64550)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1074	<i>C. albicans</i> (ATCC #64552)	20 hours	35° ± 2°C	TSB/SDA/MHB	1
1075	<i>C. albicans</i> (ATCC #66027)	24.5 hours	35° ± 2°C	TSB/SDA/MHB	1

12.0 CLINICAL ISOLATES - TABLE II (ADDENDUM II):

Table II, included as Addendum II of this Final Report, presents the origins of all of the clinical isolates evaluated.

13.0 RESULTS - TABLES III - V (ADDENDUM III):

Table III, included as Addendum III of this Final Report, presents the Minimum Inhibitory Concentration, in dilution and parts per million (ppm), for the Test Product (Pure Rx - Batch Number: X450 [1429 ppm Benzalkonium Chloride]) versus each of the one-thousand, one-hundred (1,100) microorganisms tested.

Table IV, included as Addendum III of this Final Report, presents the Minimum Inhibitory Concentration, in dilution, for the Product Vehicle (Pure Rx Vehicle - Batch Number: 426) versus each of the two-hundred and thirty-four (234) microorganisms tested.

Table V, included as Addendum III of this Final Report, presents the Minimum Inhibitory Concentration, in dilution and parts per million (ppm), for the Control Product (Hibiclens® - Lot Number 3204B [40,000 ppm Chlorhexidine Gluconate]) versus each of the two-hundred and thirty-four (234) microorganisms tested.

14.0 REFERENCES:

- 14.1 NCCLS Document M7-A4, "Methods for Dilution Antimicrobial Susceptibility Tests for Bacteria that Grow Aerobically," Fourth Edition.
- 14.2 Tentative Final Monograph For Healthcare Antiseptic Drug Products; Proposed Rule, *Federal Register*, 17 June 1994, vol 59:166, p. 31444.

15.0 ACCEPTANCE:

BIOSCIENCE LABORATORIES, INC. (COMPANY)

P.O. Box 190

Bozeman, Montana 59771-0190

President
and CEO:

Daryl S. Paul

Daryl S. Paulson, Ph.D.

10-10-00

Date

Associate
Study Director:

NA SM 10/10/00

Michael Douthit*

NA SM 10/10/00

Date

* - No longer in the employ of BioScience Laboratories, Inc.

Manager of In-Vitro
Laboratory/

Principal

Study Director:

Terri Eastman

Terri Eastman

10/10/00

Study Completion Date

QUALITY ASSURANCE STATEMENT:

This study was inspected by the Quality Assurance Unit, and reports were submitted to the Study Director and Management in accordance with Standard Operating Procedures, as follows:

Phase

Product Testing

Date

11/22/99, 11/30/99, 12/09/99, 01/04/00, 01/10/00, 01/27/00,
02/02/00, 02/10/00, 03/03/00, 05/22/00, 06/12/00, 06/19/00,
06/27/00, 07/11/00, 07/17/00, 07/24/00, 08/09/00, 08/18/00,
and 09/14/00

Data Audit

09/29/00

Draft Report Review

09/29/00

Final Report Review

10/10/00

Reports to Study Director
and Management

11/22/99, 11/30/99, 12/09/99, 01/04/00, 01/10/00, 01/27/00,
02/02/00, 02/10/00, 03/03/00, 05/22/00, 06/12/00, 06/19/00,
06/27/00, 07/11/00, 07/17/00, 07/24/00, 08/09/00, 08/18/00,
09/14/00, and 09/29/00

Director of
Quality
Assurance:

John A. Mitchell

John A. Mitchell, Ph.D.

10/10/00

Date

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BIOSCIENCE LABORATORIES, INC.

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 - Enterobacter* species
 - Enterococcus faecalis*
 - Enterococcus faecium*
 - Escherichia coli*
 - Haemophilus influenzae*
 - Klebsiella* species
 - Klebsiella pneumoniae*
 - Micrococcus* species
 - Proteus mirabilis*
 - C. Minimum Inhibitory Concentration Evaluation Forms (Form No. 93-L-030):
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 - Serratia marcescens*
 - Staphylococcus aureus*
 - Staphylococcus epidermidis*
 - Staphylococcus haemolyticus*
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 - B. Water Bath Temperature Recording Forms (Form No. 95-L-007)
 - C. Incubator Log Forms (Form No. 96-L-008)
 - D. Refrigerator Log Forms (Form No. 96-L-015)
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